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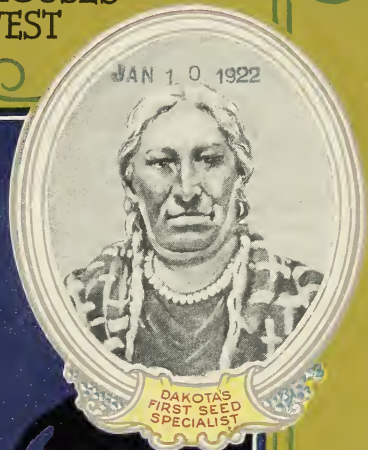
62.65 1922 39th ANNUAL CATALOG

WILL'S

PIIONEER SEED HOUSE
NURSERY & GREENHOUSES
OF THE NORTHWEST



OSCAR H. WILL



JAN 10 1922

DAKOTA'S
FIRST SEED
SPECIALIST

GEHU
CORN
Earliest of All



SEED SPECIALISTS FOR THE NORTHWEST

*Producers of the most hardy, drouth resistant
and earliest strains of Seed Corn, Field Seed, Gard-
en Seed and Nursery Stock for Northwestern Conditions*

OSCAR H. WILL & CO. Bismarck, N.D.

General Directions to Customers

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal Checks delay orders as we must wait to verify them. U. S. Stamps are accepted for small amounts.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Mail postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs., within 150 miles, 50 lbs. beyond that. Weight limit for Parcel Post to Canada 11 lbs., takes 8th zone rate. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Seeds sent by freight or express means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We strongly advise against mailing of plants and nursery stock as there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warrant, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented they may be at once returned at our expense when we shall refill or refund the customer's money as requested.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station we are glad to replace or refund. We do not guarantee Nursery Stock and Plants after being taken from the express office, but are always willing to give attention to just claims for loss.



Seeds Adapted to Northwestern Conditions



A Few Words to Our Customers and Prospective Customers

Every just claim should have its reason and proof and we are going to take this page to present in condensed form the reasons why we claim to deserve the patronage of all those who wish to secure the best results from their agricultural operations in the Northwest.

In the first place we operate the

PIONEER SEED HOUSE, GREENHOUSES and NURSERY of the Northwest

Our experience is longer and our organization older than that of any other firm in our territory. And of more importance, we have used our long time in the region to good advantage in developing our experience.

Just forty years ago last spring Oscar H. Will began, here in Bismarck, the study of agriculture for Northwestern conditions. From that time till today both he and our firm devoted themselves to the improvement, selection and breeding of seeds, grain and nursery stock especially adapted to the severe requirements of the Northern Great Plains.

Oscar H. Will discovered early in his work the possibilities in already acclimated varieties grown by our native agricultural Indians, the Mandans, Arikara, and Hidatsa, and through varieties obtained from these people we have made many valuable contributions to the list of corn, beans, squashes and pumpkins suited to short seasons and harsh climates.

We feel that we are making no overstatement when we say that no other organization, public or private, has devoted more time and energy to the work of introducing valuable crops for our own region than have we. And we think therefore that we are peculiarly and unusually fitted to serve best the people of the whole Northwest. Other seed houses have followed where we have led, and our carefully selected stocks speak for themselves.

We wish to call to your attention particularly the following list, each item of which has been introduced and disseminated through our own efforts.

CORN; Burleigh Co. Mixed, Dakota White Flint, Gehu Flint, Northwestern Dent, Square Deal Dent, Pioneer White Dent, Assiniboine, Mandan King, Falconer.

SWEET CORN; Early June, Nuetta, Banana Cream.

POP CORN; Iriquois.

BEANS; Great Northern, Pilot Navy, Hidatsa Red, Arikara Yellow.

VINE CROPS; Will's Sugar Water Melon, Page's Early Musk Melon, Mandan Squash, Arikara Squash, Ft. Berthold Pumpkin.

MISCELLANEOUS; Millet's Dakota Tomato, Idaho Potato.

In addition we have been devoting special efforts during a number of years to the raising and use of extra hardy stocks for the grafting and budding of fruit trees of various kinds, and to the introduction of hardy native fruits, shrubs, and flowering perennials.

It will be seen from the foregoing statements that we are pre-eminently fitted to supply residents of the great Northwest with seeds, trees and plants. Old customers will affirm our claims, and we ask only for an opportunity to demonstrate their truth to those who do not know us.

Service goes with our goods and we are always glad to answer questions, make plans, or give advice.

Sincerely,

OSCAR H. WILL & CO.

Parcel Post Rates

Limit of weight in zones 1 and 2 is 70 lbs. Weight limit for zones 3 to 8 inclusive, is 50 lbs.

IF YOU DO NOT KNOW WHICH ZONE RATE APPLIES CONSULT YOUR POSTMASTER

For zones 1 and 2. 1 lb. is 5c. Add 1c per lb. to 5c for each additional pound weight of the package. Thus 7 lbs. will be 5c plus 6 additional pounds at 1c per pound or 11c.

Zone 3. One pound is 6c. For each additional pound add 2c.

Zone 4. One pound is 7c. For each additional pound add 4c.

Zone 5. One pound is 8c. For each additional pound add 6c.

Zone 6. One pound is 9c. For each additional pound add 8c.

Zone 7. One pound is 11c. For each additional pound add 10c.

Zone 8. One pound is 12c. For each additional pound add 12c.

PREMIUMS

Premiums must be claimed at the time of ordering, and only one premium is allowed to each order.

CLASS 1. An order for vegetable or flower seeds to the amount of seven dollars, or of seed grain and trees to the amount of twelve dollars, entitles the customer to his choice of the following books:

Farmers' Account Book and Simplicity Service Set. A complete accounting system, making the calculation of the income tax its aim. Detailed explanation of Income Tax Law furnished with the set.

Farm Topics. A valuable compilation of useful information on farming.

Weeds and How to Eradicate Them. By Thomas Shaw.

Country Kitchen. 900 tested recipes.

Farm Wind Breaks and Shelter Belts.

CLASS 2. An order for vegetable or flower seed to the amount of ten dollars, or for grain or trees to the amount of fifteen dollars entitles the customer to the following premiums:

One 16-inch White Thermometer. Tested and good for fifty below. This is an article necessary on every farm.

CLASS 3. An order for vegetable or flower seeds to the amount of fifteen dollars, or for seed grain or trees to the amount of twenty-five dollars entitles the purchaser to any one of the following books:

Vegetable Gardening. An advanced book on gardening.

Beginnings in Animal Husbandry. By Prof. Charles S. Plumb, a full discussion of live stock raising and breeding.

Grasses and How to Grow Them. By Prof. Thomas Shaw.

Elements of Agriculture. By Prof. J. H. Shepard and J. C. McDowell, a general discussion of all farm problems.

Special Onion Seed Premium. The book "Onions", by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

Special Corn Premium. To those especially interested in the Indian Agriculture we can offer a book on the subject, "Corn Among the Indians of the Upper Missouri." This sells at \$1.50, and we shall be glad to send it as a premium with every seed corn order of \$30.00 or more.

Special Collections

Money Saving Offers and Novelties

Special Packet Collections No. 1 and No. 2

In numbers one and two, seeds in packets at more than 5c per packet may be counted as two or more five cent packets.

In no case, however, is it permitted to include ounce or larger packages in these collections.

To customers wishing only very limited quantities of seed for small gardens our No. 1 and No. 2 collections are most economical. Both are postpaid.

No. 1. We offer fifteen five-cent packets of seed, the selection of the buyer, for 50c.

No. 2. We offer thirty-two five-cent packets under the same condition for \$1.00.

Special Flower Seed Collection No. 3

For School Children

As a special for children interested in flowers and in flower garden competition we offer ten packets of flower seeds, selected by ourselves and of suitable varieties, for 25c.

Will's Pioneer Home Garden Collection

Price, Postpaid, \$1.25

For a garden 25x40 feet or 1,000 square feet; figured in 25 ft. rows but may be arranged differently.

This collection supplies the exact quantities of seed required for an ordinary, well balanced home garden, and saves much time and labor by giving you a complete order without having to make it up yourself.

(Amount, variety, space required, distance between rows and regular price)

| | |
|---|--------|
| 4-lb. Improved Golden Wax Beans, 2 rows, 18 in. | \$1.15 |
| 1-lb. Nott's Excelsior Peas, 2 rows, 18 in. | .20 |
| 1-lb., Everbearing Peas, 2 rows, 18 in. | .25 |
| 4 pkts. Radishes, assorted early and late, 2 rows, 1 ft. | .20 |
| 2 pkts. Lettuce, 1 head, 1 leaf, 1 row, 1 ft. | .10 |
| 1 oz., Will's Improved Beet, 2 rows, 1 ft. | .10 |
| 1 oz. Danvers Half Long Carrot, 2 rows 1ft. | .10 |
| 1 oz. Imp. Guernsey Parsnip, 2 rows, 1 ft. | .10 |
| 2 pkts. Sandwich Island Salsify, 1 row, 1 ft. | .10 |
| 2 pkts. Nuetta Sweet Corn, 2 rows, 2 ft. | .10 |
| 2 pkts. Imp. Early Dakota Sweet Corn, 2 rows, 2 ft. | .10 |
| 1 pkt. Purple Top Strap Leaf Turnip, 1 row, 1 ft. | .05 |
| 1 oz. Dakota Globe Onion, 2 rows, 1 ft. | .10 |
| 4 pkts. one each, of Spinach, Winter Radish, Chinese Cabbage and Kohl Rabi for replanting etc. | .20 |
| Two rows left for cabbage and tomato plants. | |

| | |
|-----------------------|--------|
| Value | \$1.85 |
| Price, postpaid | \$1.25 |

Our Leader Collection 50c Postpaid

| | |
|---------------------------------------|----------------------------------|
| 1 pkt. Will's Improved Beet. | 1 pkt. Will's Sugar Watermelon. |
| 1 pkt. Copenhagen Market Cabbage. | 1 pkt. Dakota Globe Onion. |
| 1 pkt. Danvers Half Long Carrot. | 1 pkt. Guernsey Parsnip. |
| 1 pkt. Danish Perfection Cauliflower. | 1 pkt. Neapolitan Pepper. |
| 1 pkt. Golden Self Blanching Celery. | 1 pkt. Early Carmine Radish. |
| 1 pkt. Early Fortune Cucumber. | 1 pkt. Will's Improved Rutabaga. |
| 1 pkt. Curled Simpson Lettuce. | 1 pkt. Improved Hubbard Squash. |
| 1 pkt. Ex. Early Knight Muskmelon. | 1 pkt. Millet's Dakota Tomato. |

Will's Sweet Corn Collection

This collection is designed to give corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

The collection consists of two ounces of each of the following varieties: Assiniboine Yellow, Early June, Nuetta, Improved Early Dakota, Golden Bantam, Banana Cream and Stowell's Evergreen.

The PRICE of the COLLECTION is 50c, Postpaid

WILL'S OLD FASHIONED GARDEN FLOWER COLLECTION 75c, Postpaid

1 pkt. Antirrhinum.
1 pkt. Bachelor's Button.
1 pkt. Balsam.
1 pkt. Canterbury Bells.
1 pkt. Catchfly.
1 pkt. Convolvulus.
1 pkt. Double Daisy.
1 pkt. Forget-Me-Not.
1 pkt. Hollyhock.

1 pkt. Marigold.
1 pkt. Mignonette.
1 pkt. Premium Pansy.
1 pkt. Phlox.
1 pkt. Portulaca.
1 pkt. Stock.
1 pkt. Sweet William.
1 pkt. Verbena.
1 pkt. Zinnia.

1 Ounce Tall Nasturtiums, 1 Ounce Imperial Mixed Sweet Peas—Value \$1.15.
Price, postpaid, 75c.

WILL'S PIONEER INDIAN COLLECTION



Our Vegetable Heritage from the First Americans

Before a white man ever saw North Dakota the Mandan, Hidatsa and Arikara Indians had a highly developed type of agriculture along the Missouri River. Our firm has long been interested in the remnants of this agriculture and we have taken over and adopted many of the Indian varieties to the lasting advantage of Northwest farmers.

The Indian collection consists of samples of various items obtained by us from the Fort Berthold Reservation and other reserves, and should prove exceedingly interesting for experimental purposes, as well as for the practical value of the plants.

1 pkt. Assiniboine Corn.
1 pkt. Nuetta Sweet Corn.
1 pkt. Arikara Yellow Bean.

1 pkt. Hidatsa Red Bean.
1 pkt. Mandan Squash.
1 pkt. Mandan Flour Corn.

Price, 25c, Postpaid

I am writing to tell you about my experience with Nuetta sweet corn, two years ago I sent for one-fourth pound, planted it on a piece of ground which had never been plowed and had a tough sod which could not be cultivated except with a hoe, no irrigation was used. I planted after our neighbor had corn up two or three inches and then we had roasting ears before he did. It is surely the corn for the Northwest.

L. O. Cain, Charleston, Wash., R. 1.

Vegetable Seed Section



Please remember that the prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.

Will's Hardy, Northern Grown, Acclimated Garden Seeds for Northwestern Conditions.

Our experience with vegetable growing in the Northwest is just forty years old. Note what that means—for forty years we have been growing, experimenting with, testing, selecting and breeding varieties of vegetables suited to short seasons, dry weather and other severe conditions.

WE HAVE INTRODUCED MORE VEGETABLE VARIETIES SUITED TO NORTHWESTERN CONDITIONS THAN ALL OTHER FIRMS COMBINED

For these reasons NORTHWESTERN GARDENERS MUST HAVE WILL'S PIONEER SEEDS for successful vegetable gardens.

Geo. E. Frey, Fairfield, Mont.—I have always had good success with your seeds and have been well pleased both with quality of goods and with the way you have served me. I have been buying seeds from your firm for about 15 years and find I can save 50 per cent over the prices others quote and best of all get seeds that are adapted to this locality.

I have used your seeds so many years that I feel lost without them as they are the best sold. We moved from Montana to Washington in September and know your seeds will do well here.

Dick Yaas, Everett, Wash.

W. L. Peterson, McGregor, N. D., Rt. 1.—I have used your seeds for 25 years and they are always good.

How Much Seed for the Garden

In response to the need by many of our amateur gardening customers we have decided to print a planting table for vegetables. After carefully going over the many inquiries for information received, we have worked out the following table which we trust will prove useful to many:

| Ft. of row for five persons | Kind of Vegetable | Distance apart of plants in rows (inches) | Least distance between rows (inches) | Seed for 100 feet of row |
|-----------------------------|--------------------------|---|--------------------------------------|--------------------------|
| 200 | *Beans—Dwarf, snap | 2-5 | 20 | 2 lbs. |
| 100 | Beans—Dwarf, lima | 6 | 20 | 2 lbs. |
| 150 | *Beets | 2-4 | 18 | 2 oz. |
| 200 | Cabbage | 16-24 | 24 | 50-75 plants |
| 50 | Cauliflower | 16-24 | 24 | 50-75 plants |
| 50 | *Carrot | 2 | 18 | 1 oz. |
| 50 | Celery | 4-8 | 18 | 200 plants |
| 500 | *Corn, sweet | 16-36 | 30 | 1 lb. |
| 100 | Cucumber | Hills 48 | 48 | 1 oz. |
| 25 | Egg Plant | 20-30 | 24 | 50 plants |
| 150 | *Lettuce | 4-8 | Beds 6 | 1 oz. |
| 150 | Muskmelon | Hills 72 | 72 | 1 oz. |
| 200 | Onions, from sets | 2-3 | 16 | 3 pts. sets |
| 50 | Parsnip | 3-5 | 18 | 1 oz. |
| 300 | *Peas | 3-11 | 20 | 2 lbs. |
| 25 | Peppers | 16 | 24 | 20 plants |
| 800 | Potatoes, early | 14-18 | 30 | 1 peck |
| 150 | *Radish | 1-2 | 16 | 1 oz. |
| 200 | Spinach, fall | 1-3 | 18 | 1 oz. |
| 25 | Squash, summer | Hills 42 | 42 | 1 oz. |
| 100 | Tomato | 30 | 36 | 40 plants |
| 800 | *Turnip (after potatoes) | 2-4 | 18 | 1 oz. |

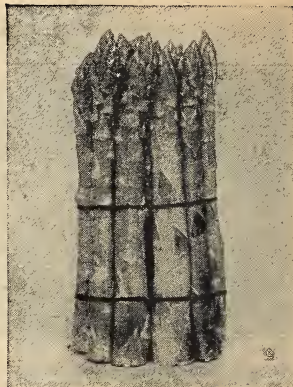
These vegetables marked * should not all be planted at one time, but a part at intervals of two or three weeks, to secure a continuous supply.

Asparagus One Ounce Will Sow Fifty Feet of Drill

CULTURE—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil some what firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

CONOVER'S COLOSSAL. This is the largest and most extensively grown green variety. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1 lb., 60c, postpaid.**

COLUMBIAN MAMMOTH WHITE. A distinct variety strong and vigorous growth, producing very large white shoots that in favorable weather remain white as long as fit for use. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1 lb., 80c, postpaid.**



Conover's Colossal

Plant Roots of above varieties, and save 2 years from seed. See Page 92.

Beans

All of Our Beans Are Hand Picked

CULTURE—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little more than one pint.



Great Northern Baking Bean

FIELD BEANS

Remember that beans are naturally a southern crop, for that reason it is imperative in this northern country if you wish to be successful with field beans to use only our hardy, early and acclimated sorts. When our varieties are used, field beans are a most profitable crop.

GREAT NORTHERN—The Most Delicious Baking Bean in the World. The first stock of these beans was obtained by us nearly forty years ago from Son of a Star, an Hidatsa Indian of the Ft. Berthold Reservation. They had been raised by the Indians for many years and are therefore practically native to the Northwest. We have handled many of them for eating purposes this season, and find that they are bought just as readily as the navies which they far surpass in quality as well as earliness. They are wonderful yielders and one of the most profitable beans that can be raised. **Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs., \$8.50.**

The beans that I got from you did fine, also the corn. From 10 lbs., each of Great Northern and Pilot Navy I threshed 120 lbs. of Great Northern, 120 lbs. Pilot Navy; and from one lb. each of Hidatsa and Arikara I got 25 lbs. Arikara and 15 lbs. Hidatsa beans.

R. E. Simpson, Buffalo, Wyo.

If you use large quantities of Garden Seed, let us quote on your requirements.

PILOT NAVY FIELD BEAN—The Earliest on Earth. This bean originated in Minnesota by Mr. Dupont, and introduced by us in 1913, has come to occupy a very high place both for its earliness, and its cooking qualities. It comes close to the wax beans, from which it developed, in tenderness. The skin is very thin and it is the best flavored of the Navy Beans. Its earliness makes it a most valuable acquisition to our field crops. We have annually increased our acreage, but as annually find ourselves sold out early in the spring. This year we have an unusually fine stock to offer, and recommend it highly. Pkt., 5c; 1-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs., \$9.00.

HIDATSA RED BEAN. Formerly listed as Red Indian, now named after one of the Ft. Berthold tribes where it was obtained. Hardy, drought resistant and an excellent baking bean. Pkt., 5c; 1-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs., \$8.50.

ARIKARA YELLOW BEAN. Formerly called Yellow Indian. We have given it the name of one of the Ft. Berthold tribes of Indians, as it is much grown by that tribe. An even better flavored bean than the Hidatsa, but not quite as heavy a yielder. Pkt., 5c; 1-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.10; 100 lbs., \$9.00.

DWARF OR BUSH BEANS

(For eating green—snap or string beans).



Improved Golden Wax

IMPROVED GOLDEN WAX. This is the very finest selected strain of the Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. The pods are large, fleshy, and entirely stringless, the color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c; 1-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. 5 lbs., \$1.00, by express or freight.

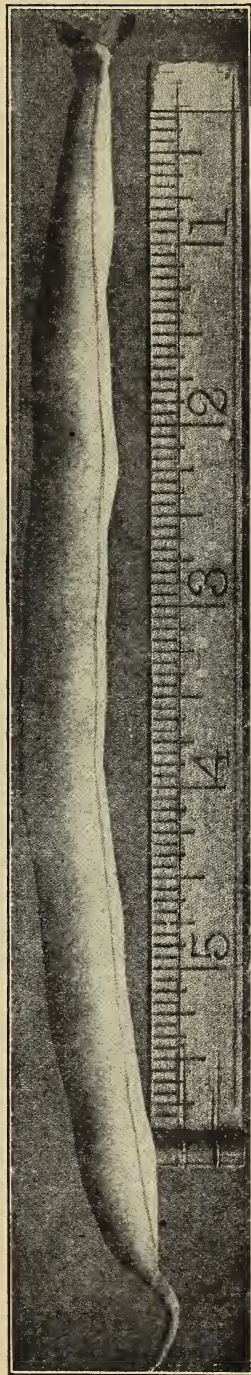
Mrs. Joe Hardebeck, Grand Mound, Wash.

I am sending for an order, and will say we used your seeds in Montana, and had such good success that we want to use them here, with hopes of equally good success.

PENCIL POD

BLACK WAX. An old favorite sort, hardy, productive and of excellent flavor. Long golden yellow pods, stringless and brittle. Pkt., 5c; 1-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. 5 lbs., \$1.00, by express or freight.

ROUND POD KIDNEY OR BRITTLE WAX BEAN. An early round-podded, stringless yellow wax of the golden wax type, but superior in several respects. Pods long and slender, 5 inches in length, quality the best. Pkt., 5c; 1-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., \$1.00.



Pencil Pod Black Wax

GREEN POD STRINGLESS

Earliest of the green pod sorts. Our strain is peculiarly rich in flavor, meaty and productive. The pods are long, round, straight and very handsome. **Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. 5 lbs., \$1.10, by express or freight.**

BOUNTIFUL

This is one of the hardiest of the edible pod beans. Pods are green, stringless, flat and of very fine quality. Average length 6 to 7 inches. A great favorite throughout the Northwest on account of its hardiness and productiveness. **Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., \$1.00.**

SURE CROP STRINGLESS WAX

A heavy yielding and delicious wax bean, very bushy with long flat yellow pods. Has been increasingly popular every year since its introduction. Absolutely stringless, very hardy, rust resistant, with a very strong plant growth. An excellent main crop wax bean. **Pkt., 5c; 1-lb., 15c; 1-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10.**



Bountiful

DAVIS KIDNEY WAX

Desirable because of its long, handsome, light yellow pods, and its hardiness; the white color of its seed makes this variety equally valuable as a bean for winter use. **Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. 5 lbs., \$1.00, by express or freight.**

BUSH LIMAS**FORDHOOK BUSH LIMA.**

Perhaps the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick white beans. A wonderful



Fordhook Bush Lima

Davis Kidney Wax producer and of excellent quality. **Pkt., 5c; 1-lb., 15c; 1-lb., 25c; 1 lb., 40c, postpaid.**

NEW WONDEE. This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many Bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. **Pkt., 5c; 1-lb., 15c; 1-lb., 25c; 1 lb., 35c, postpaid.**

POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting; the light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. **Pkt., 5c; 1-lb., 15c; 1-lb., 25c; 1 lb., 35c, postpaid.**

KING OF THE GARDEN POLE LIMA. An improved strain of large White Lima. The pods frequently contain 5 and 6 beans of large size, excellent quality and handsome appearance. **Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid.**

We have tried other seeds, but find that Will's are best.

Mrs. Nellie Englert, White Earth, N. D.

Beets

Remember that these prices are for seed prepaid by mail except as otherwise noted.

One ounce of seed will sow fifty feet of drill; six pounds per acre.

CULTURE—Sow in drills 15 to 18 inches apart as early as the ground can be worked in the spring. When the plants are large enough to handle, thin to four or five inches apart in the row.

GARDEN BEETS



Will's Improved Beet

WILL'S IMPROVED BLOOD TURNIP BEET. This is an exceptionally fine strain of the Early Egyptian. It is somewhat flattened in appearance though globular, flesh is a rich dark red, fine-grained and tender. It is exceptionally early and still a good keeper. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid.**

LONG BLOOD RED. Best of the long garden beets; drought resistant, a very good keeper and grows until late in the fall. Excellent for sod planting. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid.**

EDMUND'S EARLY BLOOD TURNIP. This deep blood-red variety is early, sweet and tender, yet unsurpassed for solidity and keeping purposes. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid.**

ECLIPSE. The Eclipse is an extra early, glossy-red beet of exceptionally fine flavor. Its tops are particularly tender and rich when cooked as greens. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 40c; 1 lb., 75c, postpaid.**

SWISS CHARD

LUCULLUS. Swiss Chard is unique in that it is a two-purpose vegetable. The outside leaves are used as boiling greens and are most excellent for this purpose. The large white stalks are used like asparagus; they are boiled and served in melted butter and are fully as delicious and even more tender than asparagus. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c.**

SUGAR BEETS

CHAMPION WHITE. A hardy and easily grown white, wedge-shaped, sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid. By express or freight, 5 lbs., \$2.50.**

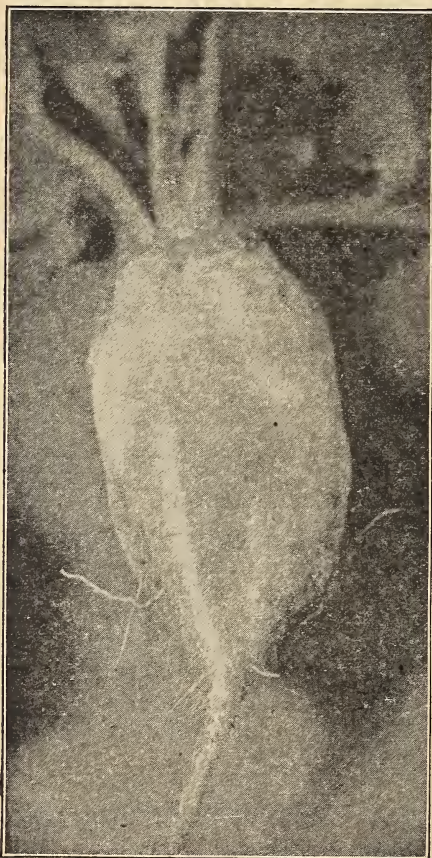
Ask for our special leaflet on making syrup from sugar beets and sorghum.

GIANT HALF SUGAR ROSE. This is an intermediate type between the sugar beet and Mangel, combines sugar content to a degree with the size of the mangel thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c. postpaid. By express or freight, 5 lbs., \$2.60.**

Mangels or Stock Beets

In these days of feed shortage the dairy man and the stock raiser should pay especial attention to the value of the mangel wurtzel or stock beet as a cattle feed. Yielding an unbelievable quantity to the acre it produces an excellent silage, or may be fed as it comes from the field mixed with a grain and hay ration. Either system gives good results in the production of milk.

CULTURE—Sow in April and May in a deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre.



Mammoth Golden Giant Mangel

roots are straight, well formed and solid. This variety is particularly adapted to a deep soil. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; $\frac{1}{2}$ -lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.40.

TAAAROJE BARRES MANGEL. This superior variety is a product of the Danish system of stock certification which has produced so many wonderfully improved varieties. Pound for pound these mangels very nearly equal sugar beets in their dry matter content. They grow largely out of ground, are of a short, thick shape and are very easily lifted. This is probably the highest yielding sort under good conditions. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; $\frac{1}{2}$ -lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.50

GOLDEN TANKARD MANGEL WURTZEL
A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; $\frac{1}{2}$ -lb. 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.40.

MAMMOTH GOLDEN GIANT MANGEL WURTZEL. This is a yellow mangel with white flesh, somewhat long with most of the root above ground. It is especially notable as being the hardiest sort withstanding much more severe weather conditions than any of the others. An excellent keeper and good producer, the roots under good conditions reaching tremendous size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; $\frac{1}{2}$ -lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.40.

GIANT RED ECKENDORF MANGEL WURTZEL. The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easily harvested as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds. The flesh is white, firm and of high nutritive value. This is one of the best varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; $\frac{1}{2}$ -lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.50.

MAMMOTH LONG RED MANGEL WURTZEL. This is the heaviest cropping and largest of all mangels. It grows well above the ground and is easily harvested. The deep red

Charles A. Rust, Martin, N. D.

I ordered 500 Cottonwood seedlings last year of which every tree was perfect and are from 2 ft. to 3 ft. high. I also ordered $\frac{1}{2}$ lb. mangel wurtzel seed which yielded 2 ton on a 1964 sq. ft. plot planted three feet apart. I am very much pleased with all your seeds.

10-20, In.



Kohl Rabi

in the fall, trimmed of leaves, and stored in soil in a cool place until wanted for forcing. It requires about one month to force the roots. The heads are then cut off with a small portion of the neck of the root attached. **Pkt., 5c; oz., 20c; 1-lb., 65c.**

LARGE ROOTED OR COFFEE. The roots dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early spring use. **Pkt., 5c; oz., 30c; 1-lb., \$1.00, postpaid.**

CORN SALAD

LARGE ROUND LEAVED. This is a small, quick growing salad plant for late fall or early spring. It may also be cooked for greens. **Pkt., 5c; oz., 10c; 1-lb., 35c, postpaid.**

CRESS

FINE CURLED OR PEPPER GRASS. Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. **Pkt., 5c; oz., 10c; 1-lb., 30c, postpaid.**

ENDIVE

CULTURE—Sow outdoors in rows 18 inches apart, later thin to 10 inches in the row. When well grown tie the leaves up to blanch. 1 ounce plants a 50 ft. row, or makes 3,000 plants

MAMMOTH GREEN CURLED. An improved variety, leaves crisp, tufty and full. Midrib is pure white with large white heart. **Pkt., 5c; oz., 10c; 1-lb., 30c, postpaid.**

BORECOLE OR KALE

GREEN CURLED OR SCOTCH. This is more hardy than cabbage and makes excellent greens for fall and early spring. A good frost improves the quality. **Pkt., 5c; oz., 15c; 1-lb., 40c, postpaid.**

BROCOLI

PURPLE CAPE. Forms heads much like cauliflower, but is hardier and gives excellent results in cool localities. **Pkt., 5c; oz., 20c, postpaid.**

BRUSSELS SPROUTS

PARIS MARKET. This is by far the most delicately flavored of the cabbage family. Our strain is of half dwarf growth bearing handsome, solid, round sprouts of best quality, crowded together on the stalks. **Pkt., 5c; oz., 15c; 1-lb., 55c; 1 lb., \$2.00, postpaid.**

CHERVIL

CURLED. More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1 lb., \$2.00, postpaid.**

CHINESE CABBAGE (Pe-Tsai)

A wonderful salad plant, resembling Cos Lettuce. It should be planted early in the spring and again about the middle of July, as it goes to seed rapidly in hot weather. The inner leaves blanch a creamy white and its mild and pleasant flavor makes it distinctive when served as a salad or cooked like asparagus. **Pkt., 5c; oz., 20c; 1-lb., 75c.**



Chinese Cabbage

I have used your seeds since coming to North Dakota with uniformly good results, and desire to let you know that I value them highly.

Charles F. Laser, Bergen, N. D.

LEEK

LARGE LONDON OR FLAG. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt., 5c; oz., 15c; ¼-lb., 60c, postpaid.

GOURDS

NEST EGG. Resembling in color, shape and size, the hen's egg. Do not crack, last for years and make the best nest eggs. Rapid grower and good climber; extremely ornamental, and useful in covering screens, etc. Pkt., 5c; oz., 15c; ¼-lb., 40c, postpaid.

NEW JAPANESE DISH CLOTH OR LUFFA. Ornamental enough for a house vine, and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, making the nicest, cleanest substitutes for dish cloths and bath sponges imaginable besides being useful for various articles of fancy work. Pkt., 5c; oz., 15c; ¼-lb., 50c, postpaid.



Copenhagen Market

Cabbage

CULTURE—For very early use sow the seed in hotbed or in boxes in the house. The best and hardiest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from 2½ to 3½ feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill and leaving the strongest plant. One ounce of seed will produce about 4,000 plants.

EARLY VARIETIES

COPENHAGEN MARKET. This is in our opinion the heaviest yielding and best quality cabbage that can be grown. A tremendous yielder of smooth, round, even sized heads, valuable for either early or main crop use, and with wonderful hardiness and vitality. A result of the highly developed Danish system of breeding. The plant is short stemmed and compact, leaves medium light green, thick and smooth, heads averaging about ten pounds. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.40; 1 lb., \$2.25, postpaid.

EARLY EXPRESS. A very early variety forming small oval heads with round, thick leaves. It ranks close to Early June in earliness. Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.00, postpaid.

SELECTED JERSEY WAKEFIELD. This is an old and justly popular sort. The heads are conical and very solid, with few outer leaves. The stem is short and the plants very hardy. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.05; 1 lb., \$2.00.

WILL'S EARLY JUNE. This is the earliest flat-headed cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60 to 70 days from seed. The plant is vigorous, drought resistant, and not subject to disease, which makes it especially desirable for all parts of the Northwest. Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.00, postpaid.



For Cabbage Plants, see Page 78

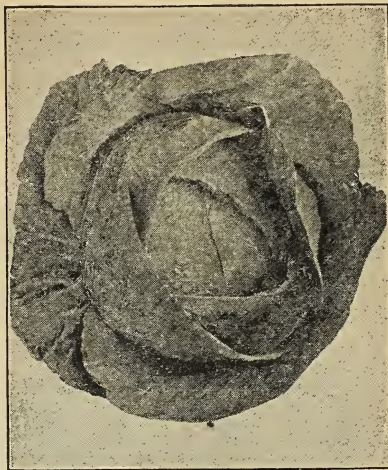
Ey. Jersey Wakefield—Early June

EARLY WINNINGSTADT. An old favorite; its hardness permits early planting. The leaves are dark green and very tightly folded, and the hardest of any early cabbage. The heads are pointed and suffer less from the cabbage worm than most other sorts. It is a good keeper and well liked for kraut. Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb. \$1.25; 1 lb., \$2.00.

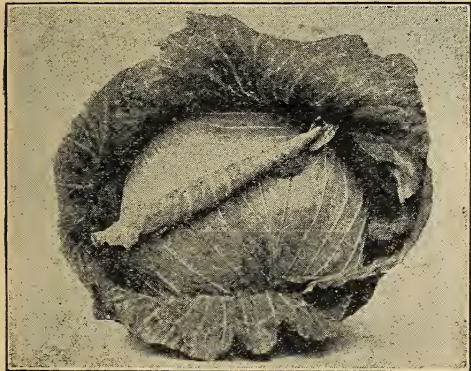
HENDERSON'S EARLY SUMMER. With heads averaging over double the size of those of the Jersey Wakefield, this variety is only a few days later. The heads are large, solid and flat, of excellent quality, tender and sweet. It is well adapted for kraut. Pkt., 5c; oz., 15c; 1-lb., 55c; 1-lb., \$1.05; 1 lb., \$2.00.

LATE CABBAGE

WILL'S SELECTED PREMIUM FLAT DUTCH. One of the standard late varieties, low growing and a sure header. It forms very large, flattened heads, bluish green in color, compact and of handsome appearance. The quality is fine, the flavor excellent, and the inside leaves, when cut, are especially tender. This is a strong grower under adverse conditions. Pkt., 5c; oz., 15c; 1-lb., 55c; 1-lb., \$1.05; 1 lb., \$2.00, postpaid.



Henderson's Early Summer



Selected Premium Flat Dutch

GLORY OF ENKHUIZEN. Next to the Copenhagen Market this is perhaps the most universally popular cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short stemmed, heads large, round and very solid with very few outer leaves. Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.25; 1 lb., \$2.00, postpaid.

RED DRUMHEAD. The largest and best red cabbage. The head is round, solid and deep red in color. This variety is used almost entirely for pickling. Pkt., 5c; oz., 25c; 1-lb., 90c.

DANISH BALLHEAD CABBAGE. This distinct variety is extremely hardy and weighs more for its size than any other sort we have ever grown. The pale blue-green heads will average from eight to ten inches in diameter, are crisp, tender and sweet, and unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. It is one of the best winter cabbages. Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.25; 1 lb., \$2.00.

For preventatives against the cabbage worm pest,
buy Slug*Shot or Bug Death



Danish Ballhead

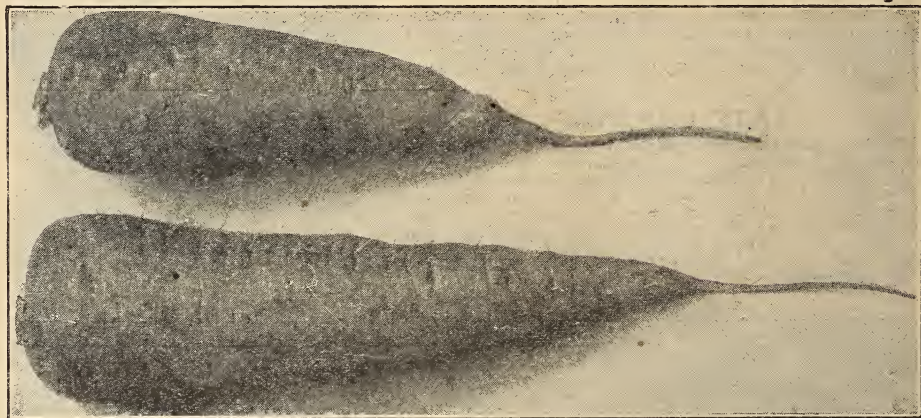
I have used your seeds now for three years and found them to be the most satisfactory seeds I have ever used.

Adolph E. Shirley, Manfred, N. D., R. 1

Carrots

One ounce will sow 100 feet of drill; 3 to 4 pounds per acre.

CULTURE—Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, covering one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.



Lower—Long Orange; Upper—Danvers Half Long

IMPROVED LONG ORANGE. An old standard sort, unusually desirable for either field or garden use. A medium early variety, a tremendous yielder, and roots penetrate deeply enough so that the plant will get moisture even in very dry weather, an important feature in the Northwest. The roots run about 12 in. long and 3 in. in diameter, flesh bright orange, smooth, sweet and fine-grained. A very good keeper. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 70c, postpaid. By express or freight, 5 lbs., \$3.00.

DANVERS HALF LONG. The best known medium early variety, a great yielder and a first-class carrot for all soils. The root is smooth, from 6 to 8 inches long, a rich deep orange in color, with close textured flesh and little core. Although these roots are comparatively short, under good cultivation they yield as heavily as the larger sorts and are more easily harvested. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid. 5 lbs., by express or freight, \$3.25.

OXHEART OR GUERANDE. We do not hesitate to call this the most valuable variety in existence. It is intermediate as to length and from 4 to 5 inches in diameter. With bright orange flesh, fine grain and sweet, it is of fine quality for table use and equally good for stock. Its roots continue of best flavor throughout the season and, where other varieties have to be dug, are easily pulled. This wonderful sort has yielded as high as 1,200 bushels to the acre. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid. 5 lbs., by express or freight, \$3.25.

CHANTENAY CARROT. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid. 5 lbs., by express or freight, \$3.25.

EARLY HORN. This very early stump-rooted variety is fine grained and of agreeable flavor. It is a favorite for early spring planting and table use. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00, postpaid.

FRENCH FORCING. The earliest variety, used largely for forcing. The roots are almost round and about 2½ inches in diameter. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.05, postpaid.



Chantenay

Ordered some seeds of you last year, and they grew better than any other company's seeds that we have tried. We surely recommend your seed for everybody.

Enoch Anderson, Sebeka, Minn., R. 2

Stock Carrots

GIANT WHITE OR BELGIAN. The stock carrot is one of our best feed crops, but is unfortunately much neglected. It is a remarkably efficient feed for both horses and cattle, and will put fat on either sheep or hogs very rapidly. Yields are enormous, and we seldom have a year so dry as to cause a crop failure. This variety is the heaviest cropper of all carrots, and is grown entirely for stock feeding. It is easily lifted from the ground. Pkt., 5c; oz., 10c; 1-lb., 25c; 1/2-lb., 40c; 1 lb., 70c, postpaid. By express or freight, 5 lbs., \$3.00.

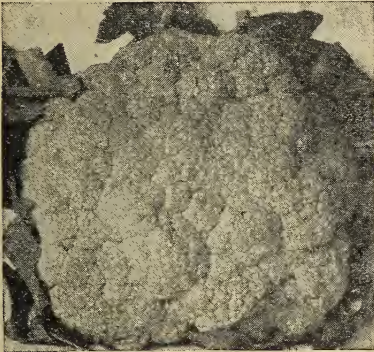


Giant White Carrot

Cauliflower

One of the Most Profitable Crops for Market and Small Gardeners

CULTURE—Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 3,000 plants, seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief cauliflowers are just as easy to raise as cabbage.



Dry Weather

We are once more able to offer the Danish prize stock of cauliflower seed from selected strains.

DRY WEATHER CAULIFLOWER. A drought resistant sort of great merit, and especially valuable in the Northwest, where so many varieties of cauliflower fail to head on account of dry weather. Heads are very large and well protected by heavy leaves. Intermediate as to earliness. Pkt., 5c; oz., \$1.75, postpaid. Ask for prices on larger quantities.

DANISH PERFECTION. This is the very earliest cauliflower grown, heads small, round and uniform, quality excellent, keeping quality good. Can be placed on the market early so as to command the best price. A sure header, and the inner leaves curl over the head and preserve the whiteness. Pkt., 5c; oz., \$1.50, postpaid.

LARGE EARLY ERFURT. This is unquestionably the leading variety for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. Pkt., 5c; oz., \$1.50, postpaid.

SNOWBALL. The most productive early variety that can be grown, and hence very popular with those who grow for the market. Very uniform with medium sized, pure white heads of fine quality. Of the Early Paris type but very much superior. It has given us exceptional results in our own plantings. Pkt., 5c; oz., \$1.50.

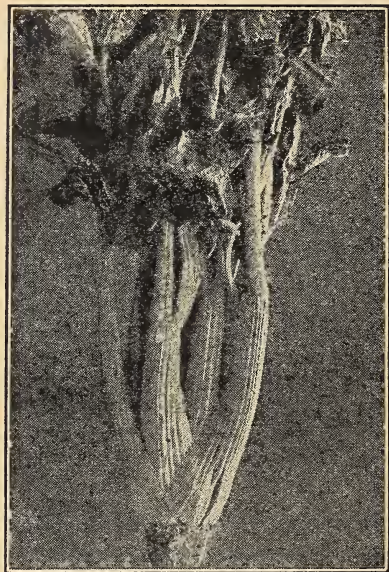
For Cauliflower Plants, see Page 78



Snowball

I have received the seed you sent in replacement, many thanks for your prompt and square dealing.

Fred L. Van Doren, Eagle Butte, Mont.



Golden Self-Blanching

Celery

CULTURE—Sow the seed (which is slow to germinate) in shallow boxes in the house early in the spring. One-eighth inch of soil to cover is sufficient. Transplant to open ground in June or July. Set plants in rows 3 feet apart and 5 inches apart in the rows, in ground thoroughly enriched and cultivated. Until middle of August plants need nothing but water and cultivation. Earthing up may then begin and continue as long as the plants grow. At approach of severe freezing weather plants should be dug and may be stored in a dark, cool cellar, standing upright with the roots in a little moist sand.

GOLDEN SELF-BLANCHING CELERY.

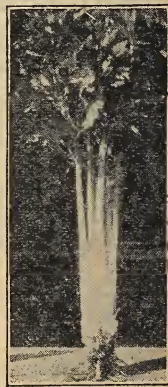
This is absolutely the best sort to plant for the market. It is not quite so early as White Plume but the plants are heavier and more compact growth. Like White Plume, too, it is self-blanching, but the color is a richer golden yellow. Nearly stringless, the stalks are thick, crisp and brittle, while for flavor this sort is unsurpassed. Pkt., 5c; oz., 25c; ¼-lb., 80c ½-lb., \$1.50; 1 lb., \$2.75, postpaid.

GOLDEN HEART DWARF. A main crop favorite. A rich waxy golden color when bleached; the stalks are tender, crisp and rich in flavor. It is a grand keeper. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.25; 1 lb., \$2.00, postpaid.

WHITE PLUME. This is the earliest celery in cultivation and the most easily bleached. It grows rapidly and blanches readily during the summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.60, postpaid.

GIANT GOLDEN HEART. Its rich golden color, its size, crispness and excellent flavor, combine with its unusual keeping qualities in making this sort a great favorite with gardeners. Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., 90c; 1 lb., \$1.75, postpaid.

NEW ROSE. The Rose Celeries have a superior flavor. The delicate tracings of beautiful rose, shading with the white in the bleached stalk and heart, make this an ornamental table variety. This solid celery is a very good keeper and is rich and nutty in flavor. Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., 90c; 1 lb., \$1.75, postpaid.



Golden Heart Giant



New Rose

CELERIAC OR TURNIP ROOTED CELERY.

This is a celery of which only the root is used. Should be planted like other celery, but need not be banked up as the root is all that is used. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 5c; oz., 15c; ¼-lb., 50c.

For Celery Plants, see Page 78

Sweet Corn

One-fourth pound to 100 hills; 10 pounds per acre. One pound of sweet corn is a little more than a pint.

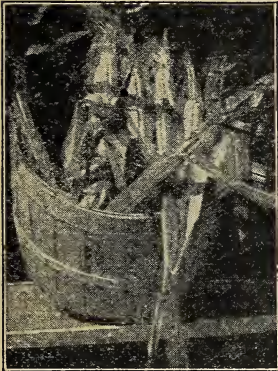
CULTURE—Plant in drills about three feet apart, one kernel every six inches, or in hill 2½ feet apart in the row, and the rows three to three and one-half feet apart, dropping four or five kernels in a hill. Corn of any sort should not be planted until the ground has become warm as cold, wet ground is sure to rot the seed before it can germinate.

See our Sweet Corn collection on Page 3

YELLOW ASSINIBOINE CORN—The Earliest Corn in the World. This very early yellow flour corn, a selection bred by us from the corn of the Canadian Assiniboine Indians, makes roasting ears a full week before Early June and at least two weeks before any other sweet corn. Being a flour corn it is the equal of sweet corn in quality and flavor. If this variety is used we venture to say that there is no place in the United States where roasting ears can not be produced. Ripens fully in sixty days. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 30c, postpaid.** By express or freight in lots of five lbs. or more at 15c per lb.



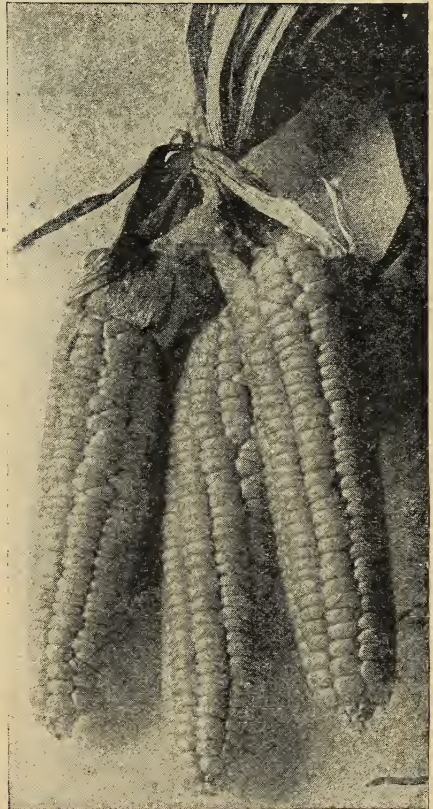
Assiniboine Yellow



Nuetta

sweet, rivalling the Golden Bantam. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 30c, postpaid.** By express or freight, 5 lbs. or more, at 18c per lb.

WILL'S EARLY JUNE (Registered U. S. Patent Office)—The Earliest Sweet Corn on Earth; Remember that We Control the ONLY GENUINE EARLY JUNE. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious sweet corn. In great demand in Canada and in Mountain regions where the season is very short, as well as by market gardeners and corn lovers who wish the longest possible succession of varieties. **Pkt. 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 30c; postpaid.** By express or freight in lots of 5 lbs. or more, at 20c per lb.



Will's Early June

Miss Elizabeth H. Avery, Redfield, S. D.

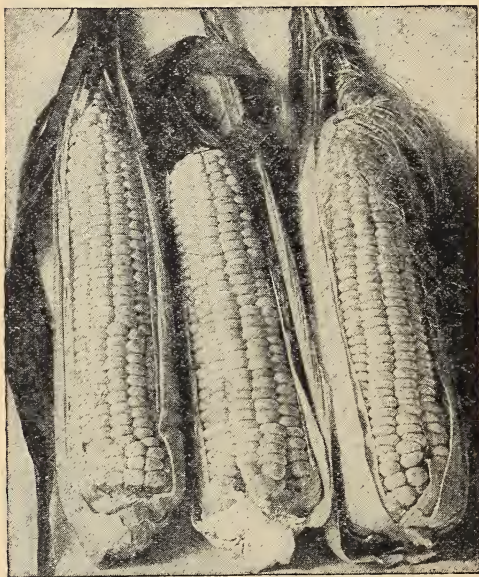
Your Early June and Nuetta Corn made a great hit with my neighbors last year. I sold corn before the market gardeners had any and when everybody was hungry for it.

Your Early June sweet corn is named properly. You could not have named it better. It excels in earliness anything we have ever tried and is of fine quality.

E. T. Stolz, Greencreek, Idaho.

Last year I sold Nuetta corn the first in the market here. I have used your seeds for fifteen years.

Mrs. C. A. Sande, Geraldine, Mont.



Improved Early Dakota

IMPROVED EARLY DAKOTA. This is the largest eared variety of the extra early sorts of sweet corn. It is a northern grown selection of the Mammoth Cory and comes in after Nuetta and before Golden Bantam. Ears very large, plump and of fine flavor. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs. or more at 17c per lb.

GOLDEN BANTAM. To anyone who has tasted its delicious, golden roasting ears, it needs no introduction. A heavy producer, and ears remain edible for an unusually long period. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.75.

WILL'S BANANA CREAM. This is a medium late variety which follows Golden Bantam. It is an unusually delicious table corn with large, well filled ears, and the ears remain fit for table use longer than any other variety we have tested. Without question the best main crop for the Northwest. Pkt., 5c; 1-lb., 15c; 1-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 10 lbs., \$2.00.

IMPROVED STOWELLS EVERGREEN. For many years Stowells Evergreen Corn has been the most prominent main crop variety. The ears are of medium size. The grains are deep, exceptionally tender and remain a long time in an edible condition. Pkt., 5c; 1-lb., 10c; 1-lb., 15c; 1 lb., 30c, postpaid. 10 lbs., \$1.70; 50 lbs., \$7.00. By express or freight.

Pop Corn

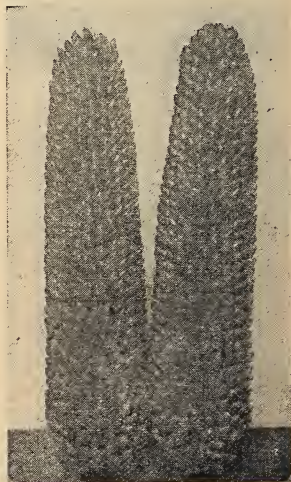
IRIQUOIS POP CORN. This is a variety of the rice type, obtained from the Iriquois Indians of New York several years ago. It has proved much earlier than the ordinary White Rice and a good yielder as well. Pkt., 5c; 1-lb., 20c; 1-lb., 30c; 1 lb., 40c, postpaid. By express or freight, 5 lbs., \$1.00.

JAPANESE HULLESS. This is a variety of wonderful quality for popping purposes, and always sells at a premium over the other sorts. It is, however, rather late and we have hesitated to catalog it on that account. A few years ago, however, we found an early strain which has now ripened with us for four years and we are this year offering some of our own grown seed. Pkt., 5c; 1-lb., 20c; 1-lb., 25c; 1 lb., 40c, postpaid. By express or freight, 5 lbs., \$1.25.

WHITE RICE. Pearly white, rice shaped kernels. We furnish only northern grown seed of the earliest type. No other will mature in the Northwest. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.

GOLDEN TOM THUMB. This is the very earliest variety of Pop Corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but the quality is excellent and it never fails. Pkt., 5c; 1-lb., 15c; 1-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.25.

QUEEN'S GOLDEN. Of a beautiful yellow color with smooth kernels, and pops perfectly. Not quite as early as the early strain of White Rice. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 90c.



Iriquois Pop Corn

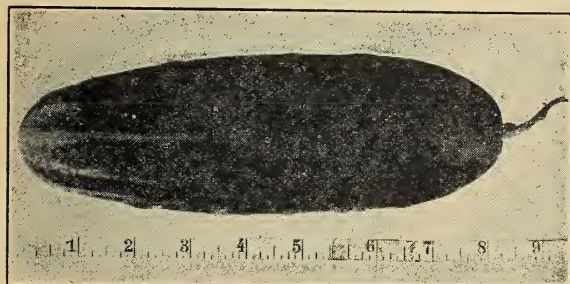
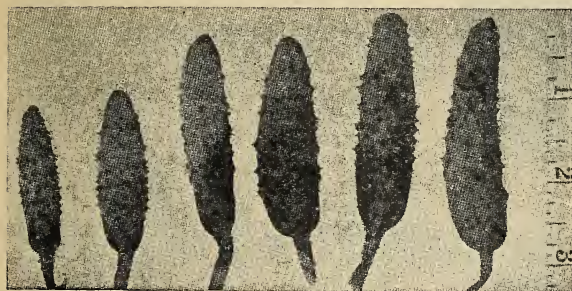
Mrs. Joseph Manchas, Kermit, N. D.

Last year, my first year with your seeds, my neighbors were astounded that I ripened corn and watermelons while the crops were a complete failure. Many have asked for my seed, thinking it was something very rare. I have invariably referred them to you.

Cucumbers

One ounce of seed will plant fifty hills.

CULTURE—As soon as the weather becomes warm and settled in the spring, plant in well prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill, cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest; thorough, but shallow cultivation is essential.



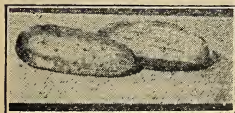
Early Fortune—Pickling and Market Sizes

EARLY CLUSTER. A pickling type often setting fruit in clusters of 2 or 3. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.10.

CHICAGO PICKLING. The old reliable variety for making small pickles: very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. We are able to make the price attractive. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.10, postpaid.

COOL AND CRISP. This is an unsurpassed pickling variety. Of even size and shape, fine grained and excellent flavor; it is sought for its pickling qualities. In addition it is a wonderfully productive yielder. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00.

EARLIEST OF ALL. This is by all odds the very earliest cucumber of quality in cultivation, and has only been introduced for the past two years. At least a week earlier than the Early Fortune, though not as fine a fruit or good a keeper. Especially valuable to those who desire to be first on the market. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.05.



Earliest of All



Chicago Pickling

EARLY FORTUNE. Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.10, postpaid.

DAVIS PERFECT. A grand new variety. Dark, glossy, green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Early as earliest strain of White Spine and outyields all others. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c, 1 lb., \$1.05, postpaid.

WEST INDIA GHERKIN. An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. Pkt., 5c; oz., 10c; 1-lb., 40c; 1-lb., 75c; 1 lb., \$1.40, postpaid.

We purchased garden seeds from your firm last year and they are certainly the seeds for this climate.

J. E. McGee, Gilt Edge, Mont.



Improved Long Green

of its good keeping qualities and its uniformity of size and shape. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1 lb., 95c, postpaid.**

JAPANESE CLIMBING. This variety is valuable either for pickling or market, but of most value as a producer of unusually long and well formed fruits. Especially adapted to training on a trellis, owing to its strong vines and tendrils. This method of growing increases the earliness and insures straighter and better shaped fruits. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.10, postpaid.**

Egg Plant

CULTURE—Sow the seed (which is slow to germinate) in hot bed or in pots or boxes in the house early in the spring. When all danger of frost is past, trans-



Arlington White Spine

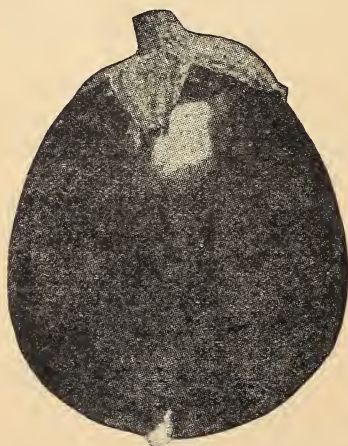
plant in the open ground 2½ to 3 feet apart each way.

Egg plant is one of the most delicious vegetables and, contrary to the general opinion, is very easy to raise. The early varieties only should be planted in the Northwest, but if they are used an abundance of ripe fruit is sure if the plants are started in good season.

EXTRA EARLY DWARF. This is the very earliest egg plant grown, ripening nearly two weeks before any of the late sorts. The fruit is perhaps even more delicious than the larger sorts, and it is altogether an exceedingly satisfactory sort for our section. **Pkt., 5c; oz., 40c; 1-lb., \$1.50, postpaid.**

BLACK BEAUTY. This is the very earliest of the large type egg plant, and is an excellent variety as well for several other reasons. The fruit is a very uniform dark purple, the size is large and uniform, and the color and texture holds for an unusually long time. **Pkt., 5c; oz., 30c; 1-lb., \$1.10, postpaid.**

For Egg Plant Plants, see Page 78.



Black Beauty

This is the third vegetable seed order I have sent you. We certainly do like your seeds. We have such good success with them it just seems like every seed grows. We always speak a good word for your seeds whenever we have a chance.
James R. Smiley, Bunker, S. D.

Lettuce

CULTURE—For very early use the seed may be sown in hot-bed, and, as soon as the weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession. One ounce for 200 feet of drill.

CURLED OR LOOSE HEAD VARIETIES

DETROIT MARKET GARDENER. This variety is well adapted for outdoor growing or for forcing in the greenhouse and hotbed. Its best quality is perhaps its ability to stand high temperatures which makes it an ideal variety for second sowings in the home garden. The plant is compact, light green in color, with crisp, tender leaves. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.15, postpaid.**

TOMHANNOCK. An early erect variety. The leaves are very large, much blistered and crumpled, deep bright brown shading to a light green inside, crisp and fine flavored. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.**

PRIZEHEAD. This old favorite is undoubtedly the most easily grown variety in cultivation and excellent for the home garden. It is early, compact in growth, and stands heat. The leaves are much crumpled and frilled, bright green tinged with brownish red, very crisp and tender. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid.**

EARLY CURLED SIMPSON. An old favorite and justly popular. Perhaps our best leaf lettuce for outdoor planting. Very early, yet it keeps in prime condition and does not run to seed quickly as do many early sorts. Leaves broad, much crinkled and very tender. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00, postpaid.**



Early Curled Simpson

CRISP-AS-ICE—HARTFORD BRONZE HEAD. The compact leaves are of medium size and slightly elongated, of excellent quality. The leaves are broad, crumpled, thick and stiff, and in color a dark green overlaid with bronze. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., 90c, postpaid.**

BROWN DUTCH. A very hardy medium sized variety. The outer leaves are broad and thick, and tinged with bronze red. The firm head blanches a buttery yellow within, sweet and tender. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

HARDHEAD. An excellent lettuce with medium sized heads of bright green color, one of the surest heading varieties under all conditions. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., \$1.00, postpaid.**

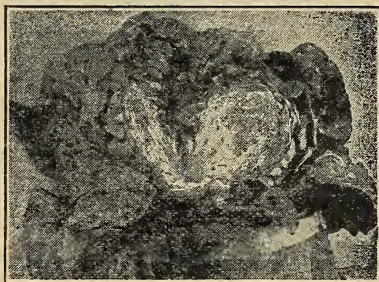


Detroit Market Gardener

PARIS WHITE COS OR ROMAINE. This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside when it becomes exceedingly crisp and sweet. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

HEADING VARIETIES

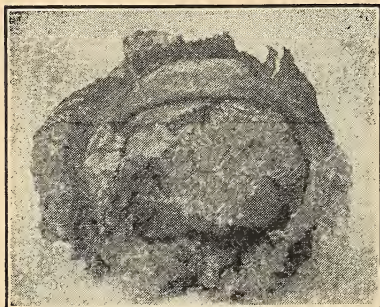
MAY KING. This new sort meets the long felt need of a very early head lettuce; forming very compact, medium sized heads. The color is a light yellowish green, tinged with brown when mature. The inner leaves blanch a beautiful creamy yellow. The flavor is delicious and it is ready for use before any other variety of head lettuce. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**



Crisp-As-Ice

I used your seed last year and liked them so much that my neighbors whose names I send are interested.

Mrs. Wiley Mountjoy, Cardwell, Mont.



White Summer Cabbage

HANSON. We recommend this reliable, sure heading, drought resistant variety. The heads are large, globular and solid. The outer leaves are a clear light green, blistered and crumpled. The inner leaves are white, sweet, crisp and tender. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00.

ICEBERG. A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanching. The outer leaves are crumpled and blistered; in color a medium green with a faint brown tinge on the border. Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., 90c, postpaid.

EARLY BLACK SEEDED TENNISBALL. Perhaps the most popular of all head lettuce and the surest cropper out of doors under adverse conditions. Plants are large, with thick, dark green leaves, heads are solid and compact with a white heart, flavor crisp, and delicious. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid.

WHITE SUMMER CABBAGE. A light green, vigorous, sure heading sort of large size and excellent quality. Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., 90c, postpaid.

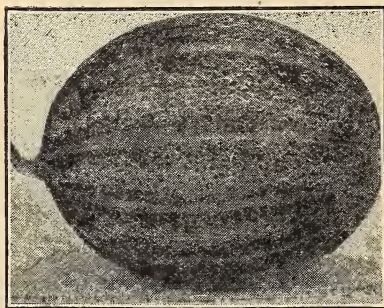
BIG BOSTON. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00, postpaid.

Muskmelon

One ounce of seed for fifty hills; 2 or 3 pounds per acre.

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible.

Only our early, hardy melons are worth planting in the Northwest.



Paul Rose

PAUL ROSE OR PETOSKEY. An oblong, deep green, extra good keeper and shipping salmon-fleshed melon. The fruit is oval and about five inches in diameter. The flesh is thick, firm and highly flavored. It represents the highest combination of flavor and keeping qualities. Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., 90c, postpaid.

EMERALD GEM. An extremely early sort; the fruit is a rich emerald green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, very sweet and luscious. The vines are hardy and very prolific. Pkt., 5c; oz., 10c; 1-lb., 40c; 1-lb., 70c; 1 lb., \$1.20, postpaid.

EXTRA EARLY HACKENSACK. It is a large sized deep ribbed, round melon, with thick green flesh of delicious flavor. It is the best of the large varieties. Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., 90c, postpaid.

GOLD LINED ROCKY FORD. This strain is so far superior to the old Rocky Ford that we have stopped growing the latter variety. The thick, delicious flesh is a rich deep green, showing a faint lining of gold at the center. It is of the highest quality, an excellent shipping sort, and largely grown by market gardeners. Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.



Extra Early Hackensack

We had a fine garden last year, nearly all from your seed. Had all the muskmelon (Page's Early) and watermelon (Will's Sugar) we wanted, also Mandan and Fordhook squashes, and Ft. Berthold and Golden Oblong pumpkins.

Mrs. Ben Hebranson, Stanley, N. D.



Page's Early

the best. We have a large stock of seed this year of our own raising from selected types. Pkt., 5c; oz., 15c; 4-lb., 55c.

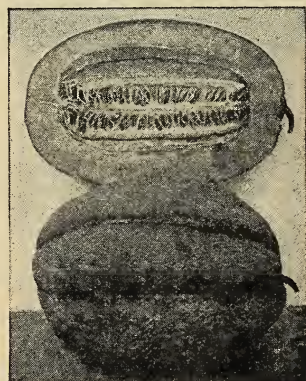
THE EARLY KNIGHT. Is the earliest muskmelon of quality we have ever had on trial. It is medium in size, oblong in shape, distinctly ribbed and well netted. The green flesh is thick, but crisp and firm; exceptionally sweet, of spicy flavor and rich aroma. It is a very productive sort and we are glad to offer it to our customers. Pkt., 5c; oz., 10c; 4-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.

MILLER'S CREAM. This is the best flavored variety in cultivation. It is the favorite main crop sort for truck gardeners and home use. The vines are vigorous and productive. The fruits are medium sized, oval, dark green, slightly ribbed, and grey netted. The flesh is very thick, of rich orange-salmon color, with a very small seed cavity. The flavor is very sweet, delicious, and melting in quality. Pkt., 5c; oz., 10c; 4-lb., 30c; 1-lb., 50c; 1 lb., 90c, postpaid.

EXTRA EARLY OSAGE. Is one of the earliest and best melons grown. The oval fruit is dark green, slightly ribbed and grey netted. The flesh is a rich, orange-salmon, very thick with small seed cavity. This is a grand variety for our Northwestern conditions. Pkt., 5c; oz., 10c; 4-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.



Extra Early Osage



Extra Early Knight

VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a Peach. Pkt., 5c; oz., 20c; 4-lb., 50c, postpaid.

GARDEN LEMON. The fruit is smaller than the Vine Peach, which it resembles in growth, but has a thinner flesh and more acid flavor. It is a novelty of value. Pkt., 5c; oz., 20c; 4-lb., 50c, postpaid.

Mrs. R. E. Tableman, Kramer, N. D.

Our first garden was last year. We ordered our seeds from you and had one of the best gardens around here, thanks to the good seed.

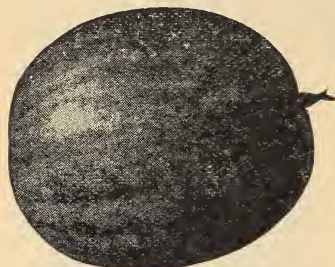
James Ross, Arco, Minn., R. 2.

I have sent for garden seeds for 4 years and have never been disappointed for every seed sure grows for there is no wasted space in the rows.

Selected Watermelons

One ounce of seed for 30 hills. 2 or 3 pounds per acre.

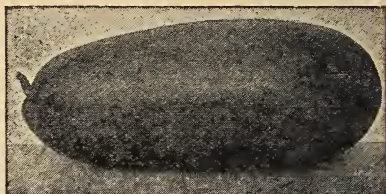
CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground.



Cole's Early

PEERLESS OR ICE CREAM. Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.

KLECKLEY SWEETS—MONTE CRISTO. This melon is fairly large, oblong and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest watermelons in cultivation. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.



Kleckley Sweets



Colorado Preserving Melon

LIGHT ICING OR ICE RIND. The fruit is of medium size; the skin is a light, clear green. The flesh is a rich, bright red, sweet, brittle and melting in the mouth. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.

COLORADO PRESERVING MELON. This is quite distinct from the old fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 90c, postpaid.

CITRON. A round, handsome fruit of small size, with white solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 90c, postpaid.

My garden, especially water melons were the surprise of all my neighbors last year. All due to your seed.

I like your seeds fine. I had Sugar Melon get ripe, also two kinds of tomatoes, and my corn was fine—three kinds.

Mrs. Jos. Mandas, Kermit, N. D.

W. H. Harris, Westby, Mont.

WILL'S SUGAR WATERMELON. This pioneer variety, which we introduced some thirty years ago still remains the favorite for the Northwest. It is the earliest melon grown, and combines with that very necessary quality hardiness and heavy production. In sweetness it is surpassed by no melon grown, and the bright red flesh and small black seeds make a very pleasing contrast. We have never been able to grow enough of the seed to supply all demands. **Pkt., 5c; oz., 10c; 1-lb., 40c; 1-lb., 70c; 1 lb., \$1.35, postpaid.**



Field View of Will's Sugar Watermelon

Your Sugar watermelon is the only known variety to mature here and is of fine flavor.

E. T. Stolz, Greencreek, Idaho

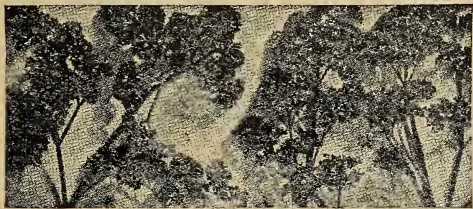
OKRA

DWARF GREEN. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. **Pkt., 5c; oz., 10c; 1-lb., 25c, postpaid.**

PARSLEY

CULTURE—Soak the seeds a few hours in luke warm water and sow early in spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks.

CHAMPION MOSS CURLED. Leaves beautifully curled and moss-like, of the richest green. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1 lb., 75c, postpaid.**



Moss Curled Parsley

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. If cut into small pieces, is a delicious vegetable. **Pkt., 5c; oz., 15c, postpaid.**

NEW XXX PARSLEY. The wonderful dark green color and the exquisite fern-like appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. **Pkt., 5c; oz., 10c; 1-lb., 35c, postpaid.**

RHUBARB OR PIE PLANT SEED

MONARCH. Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor, and excellent for preserving. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1 lb., \$1.00.**

For Roots, see Page 92

Will's Best American Grown Onion Seed

One ounce for 100 feet of drill, 4 to 5 pounds per acre.

CULTURE—Sow as early in the spring as ground can be worked, in drills 15 inches apart, covering one inch deep.

We wish to call special attention to our onion seed. Our prices will compare favorably with those of any other house, and our varieties and stock are adapted to Northwestern conditions.

**WILLS
DAKOTA
GLOBE**

**THE
MONEY
MAKING
ONION**

We believe this to be the finest and best selected strain of Southport Yellow Globe, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally



Will's Dakota Globe Onion—(See Back Cover)

good keeper. The flesh is white, crisp, and mild. An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., 90c; 4 lbs., \$3.50, postpaid.**

AUSTRALIAN BROWN. This variety is extremely early and a wonderful keeper. There are no scullions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$3.40.**

BEST YELLOW PRIZETAKER. One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.25, postpaid. By express or freight, 5 lbs., \$5.75.**

AILS A CRAIG. This largest of the English sorts has gained in popularity every year since its introduction into this country. The type is globular, with fine thin neck, and deep straw-colored skin. The flesh is very white, always tender and very mild. This is one of the largest and best of Onions. **Pkt., 5c; oz., 15c; 1-lb., 50c; 1-lb., 90c; 1 lb., \$1.75, postpaid. By express or freight, 5 lbs., \$8.00.**

We have used your seeds for years, and found them the best for this locality.
J. C. Root, Denton, Mont.

ONIONS THRIVE IN HOT DRY WEATHER.

ONIONS REQUIRE VERY LITTLE ATTENTION.

ONIONS DO NOT FREEZE EASILY.

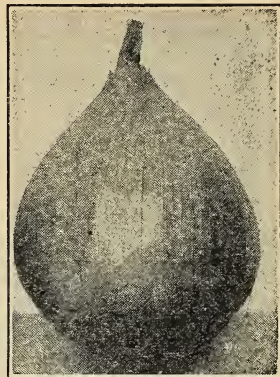
ONIONS KEEP WELL AND EASILY.

ONIONS ALWAYS SELL READILY.

BEST YELLOW GLOBE DANVERS. This is a standard variety for winter use in all markets. Its skin is a rich orange yellow color. The flesh is pure white, crisp and mild in flavor. It is always a heavy yielder and because of its small neck cures well and makes splendid storage stock. Our selection is most carefully made, and fully equal to the best market garden varieties. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.** By express or freight, 5 lbs., \$4.00.

BEST EXTRA EARLY RED BERMUDA. The onions grow to an immense size and are very broad and flat. The skin is very thin and pale red in color. The flesh is pinkish white, fine grained, crisp and very mild. It will grow an onion from 1 to 1½ pounds from seed and is very early and profitable. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.10, postpaid.** By express or freight, 5 lbs., \$5.00.

LARGE RED WETHERSFIELD. One of the oldest and best known strains, a sure and heavy yielder; it is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite for poor or dry soils. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.** By express or freight, 5 lbs., \$5.50.

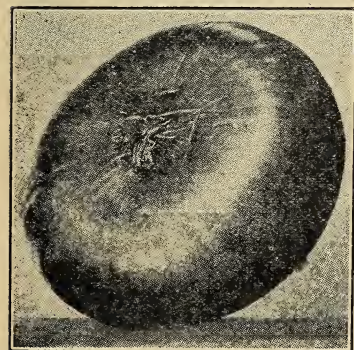


Yellow Globe Danvers

WHITE PORTUGAL OR SILVERSKIN (See Back Cover). A large, flat, solid and fine grained onion, unexcelled for general use. The flesh and skin are pure white. It is very mild and sweet and a good keeper. The young onions are largely used for bunching and pickling. We offer a fine strain of northern grown seed. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 95c; 1 lb., \$1.80; 4 lbs., \$7.00, postpaid.**

BEST SOUTHPORT WHITE GLOBE. This pure white, thin skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained, and of mild flavor. **Pkt., 5c; oz., 25c; ¼-lb., 80c; ½-lb., \$1.50; 1 lb., \$2.75, postpaid.** By express or freight, 5 lbs., \$12.50.

BEST NEW QUEEN. This is a small, rapid growing white onion used extensively for pickling and the table. It is a remarkable keeper. **Pkt., 5c; oz., 20c; ¼-lb., 80c; ½-lb., \$1.50; 1 lb., \$2.75, postpaid.**



Red Wethersfield

BEST SOUTHPORT LARGE RED GLOBE. The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick, glossy purplish-red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.** By express or freight, 5 lbs., \$6.75.

WELSH WINTER-PERENNIAL. A very hardy variety used only for bunching or early green onions. Seed may be sown either in fall or spring. Perfectly hardy it needs no mulch and furnishes the earliest green onions. **Pkt. 5c; oz., 15c; ¼-lb. 55c.**

CHIVES-SCHNITTLAUCH—Grass Onion. The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. **Pkt., 5c; oz., 50c.**

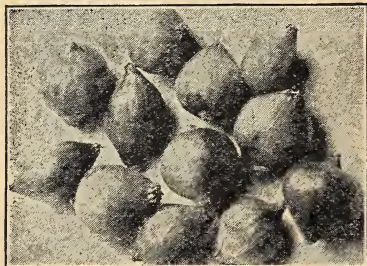


Southport Red Globe

Onion Sets

Unless otherwise instructed we shall hold onion set orders till danger of freezing is past.

BOTTOM ONION SETS. These are the product of seed planted closely to prevent full development. They are used to produce "green onions" or large onions, which they do much quicker than can be produced from seed. Prices on pecks and larger lots subject to change.



Red Bottom Onion Sets

very early in the spring. Pt., 25c; qt., 40c, postpaid.
By express or freight, pk., (7 lbs.), \$1.50; bu., \$5.00.

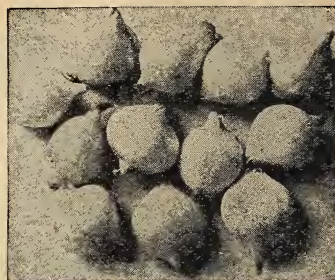
MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions. Excellent for early Spring Onions. Pt., 30c; qt., 50c, postpaid. By express or freight, pk., \$1.75; bu., \$6.00.

YELLOW AND RED BOTTOM SETS.

Fine, well cured North Dakota grown sets, either sort. Pt., 20c; qt., 30c, postpaid. By express or freight, pk., \$1.30; ½-bu., \$2.25; bu., \$4.00.

WHITE BOTTOM SETS. Preferred by some because of the color. Pt., 25c; qt., 35c, postpaid. By express or freight, pk., \$1.50; ½-bu., \$2.75; bu., \$5.00.

TOP OR WINTER ONION SETS. Perennial. Live in the ground all winter and start



White Bottom Onion Sets

Pepper

CULTURE—Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and, when all danger of frost is past, transplant in the open ground in rows 2½ feet apart, setting the plants about 18 inches apart in the row.



Ruby King

NEAPOLITAN. This is the earliest and most productive large variety. The fruit is four inches long and two inches thick, a bright red when ripe. It is one of the sweetest and mildest varieties and excellent for use when green. It starts bearing two weeks before any other variety and for that reason, if for no other, is exceedingly valuable for the Northwest. Pkt., 5c; oz., 35c, postpaid.

RUBY KING. One of the most dependable and satisfactory varieties for both home and market gardens. The fruits ripen early and quite often attain a length of five inches. The flesh is thick, sweet and mild. Fine for pickles and salads. Pkt., 5c; oz., 35c.

LARGE BELL OR BULL NOSE. A standard early variety, and popular as a pickling sort. The scarlet fruits are three inches long and blunt ended. The flesh is thick and mild. Pkt., 5c; oz., 35c.

CHINESE GIANT. One of the largest of the mild red varieties, 4 to 5 inches in diameter and of equal length. When ripe the color is a brilliant scarlet. It is very early and prolific, tender, mild and sweet. Pkt., 10c; oz., 55c.

RED CAYENNE. The pods are long and slender, and when ripe a bright red, extremely strong and pungent. Pkt., 5c; oz., 35c.

For Hardy Pepper Plants, See Page 78.

Parsnips

One ounce for 200 feet of drill; 4 to 5 pounds per acre.

CULTURE—Sow as early in the spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle.

IMPROVED GUERNSEY. This is the thicker, heavier type of parsnip. Fine grained and sweet flesh, especially after the first frost. Pkt., 5c; oz., 10c; 1-lb., 25c; 1/2-lb., 45c; 1 lb., 80c, postpaid.

LONG SMOOTH OR HOLLOW CROWN. A great cropper, tender, sugary and considered one of the best for general cultivation. Parsnips are improved by remaining exposed to the frost. Pkt., 5c; oz., 10c; 1-lb., 25c; 1/2-lb., 45c; 1 lb., 80c, postpaid.

Pumpkins for the Northwest

One ounce to 30 hills; three to four pounds per acre.

CULTURE—Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and weather favorable, giving same cultivation as to melons.

FORT BERTHOLD. Selection for some years from the squash seed obtained from the Mandan and Arikara Indians has resulted in this wonderfully early pumpkin of unusual hardness. The fruits are small, round, flattened on the ends, and of first quality. They are either orange or cream in color with orange predominating. Pkt., 10c; oz., 25c, postpaid.

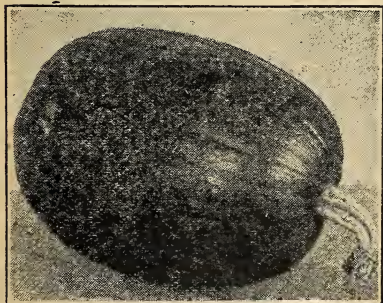
CONNECTICUT FIELD. A heavy yielder and probably planted with corn more than any other variety. The fruit is oblong, frequently 15 inches in diameter, with reddish orange skin and solid orange yellow flesh. Pkt., 5c; oz., 10c; 1-lb., 30c; 1/2-lb., 50c; 1 lb., 90c, postpaid.

GOLDEN OBLONG. Very Hardy and Productive. The skin is a rich, golden orange, thin but tough. The flesh is light golden yellow of fine quality. This is a fine keeper. Pkt., 5c; oz., 10c; 1-lb., 30c; 1/2-lb., 50c; 1 lb., 95c, postpaid.

SWEET POTATO. Of medium size and nearly bell-shaped; the flesh is a creamy white, fine grained, and rich—the very best pumpkin for cooking purposes. Pkt., 5c; oz., 10c; 1-lb., 30c; 1/2-lb., 50c; 1 lb., 95c, postpaid.



Long Smooth



Golden Oblong

SWEET SUGAR OR NEW ENGLAND PIE.

This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small round pumpkin, dark orange in color with thick, dry, fine grained flesh. Pkt., 5c; oz., 10c; 1-lb., 30c; 1/2-lb., 50c; 1 lb., 90c, postpaid.

QUAKER PIE. A medium-sized variety with creamy white skin and flesh of excellent quality. It is very early, hardy, and productive and keeps late. Pkt., 5c; oz., 10c; 1-lb., 35c; 1/2-lb., 65c; 1 lb., \$1.20, postpaid.

KING OF MAMMOTHS. The giant among pumpkins. Specimens have grown to weigh 250 pounds and to reach two feet in diameter. The flesh and skin are a bright golden yellow, fine-grained and excellent for cooking, and pies. Pkt., 5c; oz., 10c; 1-lb., 40c; 1/2-lb., 75c; 1 lb., \$1.40, postpaid.

Will's Choicest Garden Peas

Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.

CULTURE—Sow early in the spring in rows 18 to 24 inches apart. The peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under.



First of All

EARLY VARIETIES, NOT DWARF

FIRST OF ALL. This is the earliest pea in cultivation. The seed is smooth and for that reason this variety may be sown two weeks earlier than any wrinkled sort as it will not rot in the ground. The vines grow to a height of 2½ feet. It is a very heavy and even cropper—can be cleaned at two pickings. This variety is a great favorite with gardeners for the early market. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.60.

GRADUS OR PROSPERITY. This is one of the earliest of the large podded varieties. The vines reach a height of 3 feet, produce most abundantly, and bear throughout the season. The pods are nearly as large as those of the Telephone, and the tender Peas are of a most delicious flavor. It is the market gardener's favorite. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10; 10 lbs., \$2.00.

LARGE PODDED EARLY DWARF OR BUSH VARIETIES

NOTT'S EXCELSIOR. This is a grand old early dwarf variety. The vines are 15 inches in height and the yield of both pods and peas is greater than that of the other dwarf varieties. The pods average about four inches long, light green in color, and always well filled. It is a fine sort for the market garden. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10; 10 lbs., \$2.00.

LITTLE MARVEL. An extra fine dwarf variety and the earliest pea of the wrinkled seeded sorts we have ever tried. The vines are 15 inches high, heavily set with dark green pods usually set in pairs. The pods are filled with from seven to eight very dark green peas of high quality. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10.

PIONEER. An improved type of Laxtonian; this fine early dwarf variety bears an immense crop of very large pods containing eight to nine rich green peas. This is one of the best sorts for the home or market garden. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10.

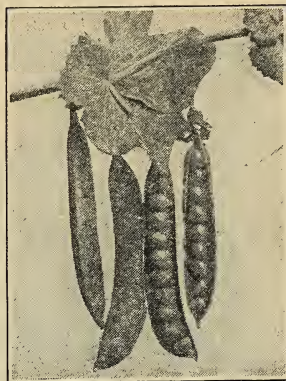


Nott's Excelsior

Mrs. Chas. Stagner, Pilot, Wyo.

I sent you an order for \$15.00 last spring (1920) and they were the best seed I have ever tried here on our farm. I expect to send you a large order next spring.

PETER PAN. The best of the large podded dwarf extra early Peas. The vines are from 15 to 18 inches high and are wonderfully productive of large pods from 4 to 4½ inches long which contain from 9 to 10 bluish-green peas of the highest quality. It is one of the best new sorts. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c. By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10.



Peter Pan

McLEAN'S LITTLE GEM. An early dwarf pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from 2½ to 3 inches long. The peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75.



McLean's Little Gem

MAIN CROP VARIETIES

PRINCE OF WALES. This standard main crop variety gives very heavy yields. The vines grow about 2½ feet high, bearing an abundance of very large peas of fine quality. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75.

INCOMPARABLE. This is in our experience just about the most perfect main crop variety that we can offer. Of exceptionally good quality, a heavy yielder and remains long in bearing if kept picked. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10; 10 lbs., \$2.00.

CHAMPION OF ENGLAND. Although the whole race of wrinkled peas has come from this old variety, no selection has surpassed it in quality or sweetness. The vines grow about four feet high and yield very large pods of most delicious flavor. Our strain has been carefully selected and will be found superior. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75.

BLISS' EVERBEARING. If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of 2½ feet and as many as 100 pods have been counted on a single vine. The peas are large and sweet and packed tightly in the pods. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75.

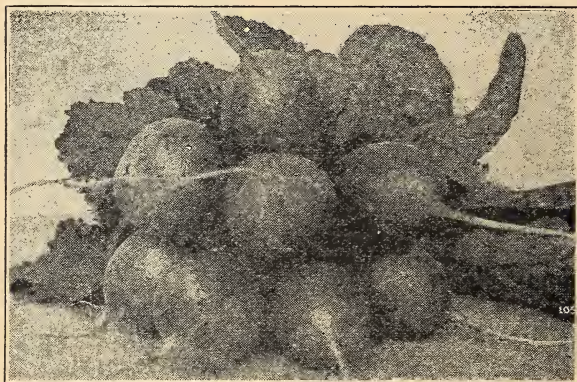
WOODRUFF'S WONDER. This new introduction is one of the very finest of the later, main crop sorts we have ever seen. The pods are simply enormous, dark green in color, very blunt and broad; the vine reaches about four feet. This is an enormous yielder of very large and beautiful pods which always contain nine or ten large peas. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid. By express or freight, 5 lbs., \$1.30.



Incomparable

WILL'S NORTHERN GROWN RADISH SEED

CULTURE—For early use the seed may be sown in hotbed. For open ground culture, sow in the spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession.



Will's Early Carmine

ety for first early planting outdoors. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 90c, postpaid.

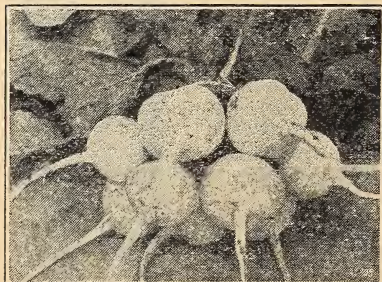
SAXA. The earliest of the forcing radishes, it is fit for eating twenty days after planting. It is round, bright scarlet, with the smallest possible top. The demand for this variety has increased annually since we first listed it in 1918. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.

MIXED RADISH SEED. This is a mixture of a number of sorts which we are offering at a very attractive price. This is a very satisfactory way to plant radishes, as the early ones when taken out thin the rows for the later sorts. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 75c, postpaid.

FIREBALL. One of the newest introductions among the early round, red radishes. It is of round or turnip shape, of bright scarlet color and pure white flesh, which is tender, crisp and of the very best flavor. It has few and short leaves, which admits of very close growing. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.

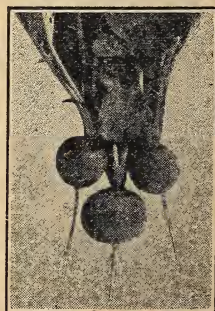


Saxa



Model Box

MODEL BOX. White radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip-shaped radish, the very earliest white variety and is ready for use in 30 days. Pure white, crisp, and mild. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 50c; 1 lb., 90c, postpaid.



Fireball

We at home have depended on your seeds for our garden and so forth so long, I now feel that your house is the only one I have confidence in buying from.

D. J. Graham, Carrington, N. D.

SPARKLER—Improved Scarlet Turnip, White Tip-ped. This extra early strain is perhaps the most attractive radish we have. The color is a rich carmine scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; $\frac{1}{2}$ -lb., 45c; 1 lb., 80c, postpaid.

WILL'S ALL THE TIME. This is a half long, white radish, that combines the quality of reasonable earliness with unsurpassed lasting qualities. It is not a winter radish, but under favorable conditions it remains good throughout the summer, attaining a very large size without losing its crispness. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; $\frac{1}{2}$ -lb., 55c; 1 lb., \$1.00, postpaid.

LONG SCARLET SHORT TOP. The old reliable long red variety. The tops are short, the roots smooth, slender and uniform. The color is attractive and they are in great demand for the market. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; $\frac{1}{2}$ -lb., 45c; 1 lb., 80c, postpaid.



Sparkler



French Breakfast

ICICLE. The finest of the early, pure white varieties. Their long slender form and pure white skin make them very attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor summer planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; $\frac{1}{2}$ -lb., 50c; 1 lb., 90c, postpaid.

FRENCH BREAKFAST. A half long, very crisp, and quick growing radish. In color it is a bright rose scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; $\frac{1}{2}$ -lb., 50c; 1 lb., 90c, postpaid.

CHARTIER, OR SHEPHERD. An old favorite and a very handsome sort. The roots are a deep scarlet at the top, shading off to a pure white at the tip. They are fit for use when very small and, as they mature later than most of the red sorts are fit for use for a very long time. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; $\frac{1}{2}$ -lb., 45c; 1 lb., 75c, postpaid.

WHITE STRASBURG. One of the best large, white later summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder, and abruptly tapering. They are firm and crisp and remain so longer than most sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; $\frac{1}{2}$ -lb., 55c; 1 lb., \$1.00, postpaid.

GLASS OR CINCINNATI MARKET. A long, slender, bright red radish with white tip. The flesh is white, almost transparent, brittle and crisp, and remains fit for use through a long period. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; $\frac{1}{2}$ -lb., 35c; 1 lb., 75c, postpaid.

BLACK SPANISH WINTER. One of the latest as well as the hardest of radishes. The skin is black and the flesh white, solid, crisp, and pungent. Keeps well all winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; $\frac{1}{2}$ -lb., 50c; 1 lb., 90c, postpaid.

CHINA ROSE WINTER. One of the very best winter radishes. The roots are cylindrical and blunt at both ends. The skin is a bright deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; $\frac{1}{2}$ -lb., 50c; 1 lb., 90c, postpaid.



Black Spanish

Salsify or Oyster Plant

CULTURE—Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to one hundred feet.

MAMMOTH SANDWICH ISLAND. This is an improved type of salsify. The roots are double the size of the old variety and of equally good quality and delicate flavor. It is a favorite in the market. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid**



Bloomsdale Spinach

covering not more than one inch deep. Sow two weeks apart, for succession.

BLOOMSDALE OR SAVOY LEAVED. (Norfolk Savoy). This is the earliest and hardiest variety. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop and keeps well after cutting. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c, postpaid.**

LONG STANDING. A late maturing sort which is not inclined to run to seed. The plant is very large with broad, arrow-shaped, nearly smooth leaves. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c, postpaid.**



New Zealand Spinach

plant is very hardy and the leaf large and perfect. Easily raised if started indoors about the same time as tomatoes. North Dakota grown seed. **Pkt., 5c; oz., 35c, postpaid.**

LONG SMOOTH WHITE. The original Oyster Plant, is still the most commonly cultivated, and many claim that it has a stronger and richer oyster flavor than the Sandwich Island variety. We have a carefully selected strain. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.**

SPINACH

One ounce for 100 feet of drill.

CULTURE—Sow in early spring, in drills 12 to 15 inches apart,

NEW ZEALAND. Unlike most spinach it thrives during hot weather and in any soil rich or poor. As the leaves are picked off, the stalk will produce new shoots and yield a continuous supply of greens. We consider this sort the best for the Northwest. Plant 3 or 4 seeds in a hill; hills 2 feet apart each way. Germination may be hastened by soaking seed in warm water for 24 hours. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.**



Sandwich Island Salsify

Tobacco

COMSTOCK SPANISH. This grand Wisconsin variety is absolutely the best for the Northwest. The

Squashes

Early and Hardy Varieties for the Northwest

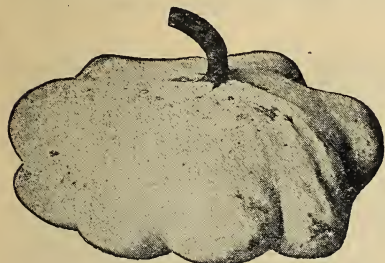
CULTURE—One ounce to 25 hills, summer, and one ounce to ten hills, winter. Plant the hills in the same manner and the same time as melons and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart.

To keep squash, store in a warm dry place.

SUMMER SQUASH

MAMMOTH WHITE BUSH—Cymling or Patty Pan. A very early summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

IMPROVED SUMMER CROOKNECK. A new variety as early as the common Crookneck and much larger, sometimes attaining a length of two feet. It is heavily warted and of bright golden color. The plants are bushy and very prolific. The squashes are brittle and tender, and command the highest price on the market. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.**

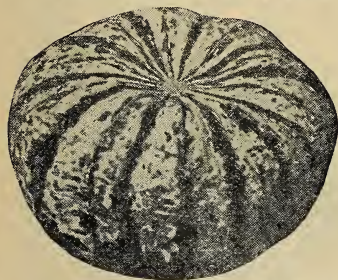


White Bush Scalloped

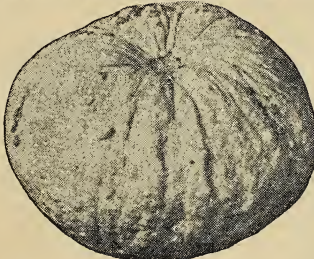
GOLDEN CUSTARD—Mammoth Yellow Bush. This variety is very early and prolific, and the fruits are frequently from 12 to 14 inches in diameter. The skin is a rich golden-orange, and the flesh is a creamy-yellow. It is a selection of real merit. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.**

GENERAL PURPOSE SQUASH

EARLY MANDAN SQUASH—The Very Earliest Squash in the World. This wonderful



Early Mandan Squash



little squash, obtained by us from the Mandan Indians, has proved to be the most valuable vine crop yet introduced by us. It will ripen almost anywhere, notably in the Montana mountains where squashes had never before been grown. It is hardy and drouth resistant, and withal of good quality. Delicious if used

green like a summer squash and equally good if fried or boiled. An excellent keeper. The Indians dry large quantities every fall. **Pkt., 10c.**

FORDHOOK. A desirable variety for both summer and winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw colored flesh is extremely dry and sweet. The squashes will keep to June in a dry room, yet in a green state they rival the best summer varieties. Our strain is early, hardy and reliable. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.**

Last summer we raised quite a number of Mandan squashes in spite of the drouth. They make very good sweet pickles.

Mrs. A. E. Knutson, White Earth, N. D.

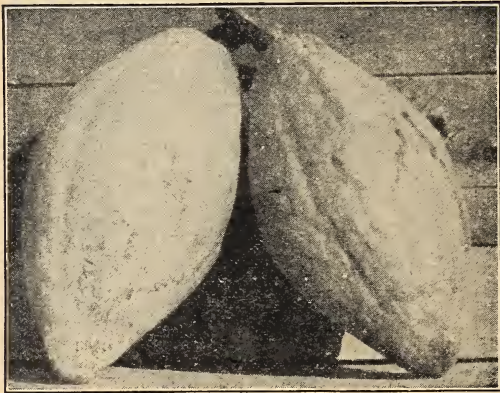
(Mrs. Knudson has furnished us with the recipe for making these sweet pickles and we shall be very glad to give it to anyone who may be interested).



Fordhook

Winter Squash

WINNEBAGO. We regard this variety which we introduced last year as the finest baking and general cooking squash we have ever tried. The squash is elongated and black and a fine keeper. The bright orange flesh is thick, very dry and sweet, and less stringy than any squash we have ever sampled. The seed comes from the Winnebagoes of Nebraska who presented it to Dr. M. R. Gilmore of the N. D. State Historical Society. **Pkt., 5c; oz., 30c, postpaid.**



Rocky Mountain

fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.25, postpaid.**

ARIKARA WINTER. This is the only squash of the maxima or Hubbard type grown by the Ft. Berthold Indians so far as we have yet discovered



Arikara Winter

and consequently has been kept pure. It is the very earliest large winter squash in existence, a heavy yielder even under adverse conditions and of excellent quality. Color a pinkish shade, varied with blue-green, flesh orange, tinged with green, and of firm texture. A wonderful baking sort and an unusually good keeper. **Pkt., 10c; oz., 30c, postpaid.**

MAMMOTH CHILI. Squashes of this great variety commonly weigh 75 pounds, and have been grown as large as upwards of 150 pounds. The skin is a rich orange-yellow. The yellow flesh is very thick and highly nutritious. It is of the highest value as a stock food. An acre will yield from 8 to 15 tons, thus furnishing a cheap and nutritious feed. It is grown off many prizes. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.25, postpaid.**

ROCKY MOUNTAIN. One of the best winter squashes in cultivation. The shell is very hard when fully matured and ranges in color from pale to nearly sky blue. The thick orange flesh is solid, dry and peculiarly rich in flavor. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.25, postpaid.**

RED OR GOLDEN HUBBARD. This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong, and a bright orange red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.**

IMPROVED HUBBARD. The standard winter squash more extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh bright yellow,



Improved Hubbard

ARIKARA WINTER. This is the only squash of the maxima or Hubbard type grown by the Ft. Berthold Indians so far as we have yet discovered

and consequently has been kept pure. It is the very earliest large winter squash in existence, a heavy yielder even under adverse conditions and of excellent quality. Color a pinkish shade, varied with blue-green, flesh orange, tinged with green, and of firm texture. A wonderful baking sort and an unusually good keeper. **Pkt., 10c; oz., 30c, postpaid.**

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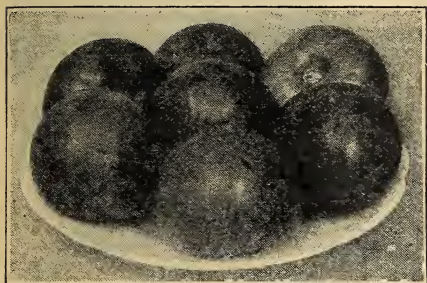
In regard to your seed, we have used them for several years and find them the genuine seed for Montana. Had seventy tomatoes on one vine last year without any rain, and we are the only ones to have cabbage and carrot in the neighborhood. Thanking you for your prompt service in the past.

Mrs. Thomas Horsford, Pattonhill, Mont.

Will's Best Tomatoes

CULTURE—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant in hotbed or boxes and when all danger from frost is past, transplant in open ground about four feet apart each way.

EARLY AND HARDY VARIETIES FOR NORTHERN GARDENS



Millet's Dakota

MILLET'S DAKOTA. This fine, extra early sort was originated several years ago by Mr. John W. Millet of our city. In earliness it is about the same as the very earliest strains of selected Earliana. In hardness and drouth resistance it is much superior. The fruit is of medium size, smooth, uniform shape and colored a rich deep scarlet. The flesh is thick and delicious, entirely free from any acid flavor. The vines are not rank, but bear the heaviest of any of the extra early sorts. Do not let the fact of earliness get away from you; in the Northwest it is all important and in no better way can you insure ripe tomatoes than by planting Millet's Dakota. **Pkt., 5c; oz. 45c; 1-lb., \$1.50, postpaid.**

EARLIANA (Selected Early Strain). One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is a bright scarlet. It is an old standard sort and still a favorite. **Pkt., 5c; oz., 30c; 1-lb., \$1.00, postpaid.**

BONNY BEST. Very nearly as early as the Dakota and Earliana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety, and are of superior solidity and interior color. A good yielder and most attractive in shape and color. **Pkt., 5c; oz. 25c; 1-lb., 90c, postpaid.**

CHALK'S EARLY JEWEL. Perhaps the best second early scarlet fruited variety for the Northwest. Extensively used for canning and on account of its large size, excellent quality and productiveness a most satisfactory sort for the home garden. **Pkt., 5c; oz., 20c; 1-lb., 75c, postpaid.**

ACME. An old favorite, hardy, early and productive; fruit of good size, round and smooth; color purplish pink. **Pkt., 5c; oz., 20c; 1-lb., 75c, postpaid.**



Selected Earliana

YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape, widely used for preserving. **Pkt., 5c; oz., 35c, postpaid.**

PINK PEACH. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts, and excellent to eat fresh. **Pkt., 5c; oz., 35c, postpaid.**

GOLDEN QUEEN. "Queen of all the Yellows." It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. **Pkt., 5c; oz., 30c, postpaid.**

RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. **Pkt., 5c; oz., 35c, postpaid.**



Yellow Plum

Mrs. T. C. Moore, Culbertson, Mont.
I had lovely ripe Tomatoes from Aug. 10th on last year.

TOMATOES—(Continued)

STRAWBERRY, GROUND CHERRY, OR HUSK TOMATO. This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The fruits are half an inch in diameter and enclosed in a husk. **Pkt., 5c; oz., 35c, postpaid.**

YELLOW PEAR. This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. **Pkt., 5c; oz., 40c, postpaid.**

VALUABLE STANDARD VARIETIES

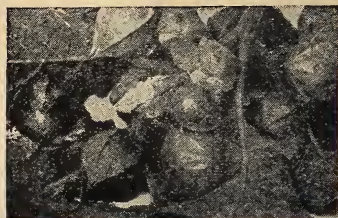
All of the selected sorts, listed below are priced as follows: **Pkt., 5c; oz., 20c; 1-lb., 65c, postpaid.**

STONE. This is the standard main crop sort for truckers and canners. Plants very vigorous and productive, fruit round, smooth, solid and deep red.

JOHN BAER. An early producer and very popular variety.

NEW CORELESS. The most perfect shaped canning variety. Fine for slicing.

For Tomato Plants, see Page 78.



Strawberry or Ground Cherry

Will's Best Turnips and Rutabagas

TURNIPS



White Model

CULTURE—Sow seed early in the spring for the summer crop and about the middle of July for late crop. May be sown in drills or broadcast. 1 ounce will sow 150 feet of row; 1 to 2 pounds to the acre.

WHITE MODEL. One of the earliest varieties grown. The roots are flat with perfectly smooth white skin. The flesh is a clear ivory white, fine grained and sweet. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 85c, postpaid.**

WHITE EGG. A very early snow white variety. The oval roots are of medium size and remarkably smooth. The flesh is firm and fine-grained and particularly desirable for table use. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 50c, postpaid.**

YELLOW ABERDEEN. A globe-shaped, medium sized, yellow sort. The yellow flesh is nutritious, tender and sweet. This variety is noted for its keeping qualities. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 50c.**

EARLY WHITE FLAT DUTCH. A very early flat turnip of medium size and clear white skin. The flesh is very white, fine grained and sweet. One of the most popular sorts for home or market. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 50c, postpaid.**

PURPLE TOP STRAP-LEAF. The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 85c, postpaid.**

PURPLE TOP WHITE GLOBE. A globe shaped sort with bright purple top which has been highly developed for quality by careful breeding. A most excellent table sort. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 65c, postpaid.**



White Flat Dutch



Purple Top Milan

derful variety from Denmark some eight years ago. Our strain has the Danish government's certificate of "First Class Stock." It is somewhat inclined to the Purple Top strain and is exceedingly solid and crisp. It is the sweetest rutabaga in cultivation, a very heavy yielder and a splendid keeper. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1 lb., 45c; 1 lb., 75c, postpaid. By express or freight, 5 lbs., \$3.00.**

WHITE SWEET RUSSIAN. One of the sweetest and best of the white Rutabagas. The roots are very large, globe-shaped, and white with a greenish shade at the top. The flesh is white, firm, and sweet and keeps remarkably well. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.50.**

Herbs

ANISE. Used in garnishing and flavoring. The seeds are aromatic. **Pkt., 5c; oz., 25c.**

BASIL—(Sweet). Leaves used for flavoring soups and stews. **Pkt., 5c; oz., 25c.**

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. **Pkt., 5c.**

CARAWAY. Grown for seeds which are used in flavoring. **Pkt., 5c; oz., 15c.**

CORIANDER. The seeds are used in making candy. **Pkt., 5c.**

DILL. The seeds are used for pickling cucumbers. **Pkt., 5c; oz., 10c.**

FENNEL. The leaves boiled are used in sauces. **Pkt., 5c.**

HOREHOUND. Used for seasoning and as a cough remedy. **Pkt., 5c.**

HYSSOP. Very aromatic plant with blue flowers. Used in soup. **Pkt., 5c.**

LAVENDER. Its flowers are used in perfumery. **Pkt., 5c.**

MUSTARD. (Large White Seeded). Seed used in flavoring pickles. **Pkt., 5c; oz., 10c.**

ROSEMARY. Aromatic leaves used for seasoning. **Pkt., 5c.**

SWEET MARJORAM. Leaves and ends of shoots used for seasoning, both green and dried. **Pkt., 5c; oz., 50c.**

SAFFRON. Used in coloring certain dishes and also for flavoring. **Pkt., 5c.**

THYME. A tea made of leaves is a remedy for headache. **Pkt., 5c.**

SUMMER SAVORY. Leaves and flowers used to flavor soups and dressings. **Pkt., 5c; oz., 25c.**

SAGE. The most extensively used herb for seasoning and stuffing. **Pkt., 5c; oz., 40c.**

WORMWOOD. Beneficial for poultry; should be planted in poultry yards. **Pkt., 5c.**



Will's Improved

EXTRA EARLY PURPLE TOP MILAN. Extremely early and of splendid quality. Bulbs medium size, flat and white with a bright purple top. Used extensively for early planting. **Pkt., 5c; oz., 10c; 1-lb., 40c; 1-lb., 75c; 1 lb., \$1.50, postpaid.**

RUTABAGAS

CULTURE—Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart and frequent cultivation will increase the yield. One ounce to 250 feet of drill; 1½ pounds per acre if drilled, and 2½ pounds if broadcast.

WILL'S IMPROVED AMERICAN PURPLE TOP YELLOW. The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 75c, postpaid. By express or freight, 5 lbs., \$3.00.**

PAJBJERG BANGHOLM. We first introduced this won-

I am sending for your seeds as I like them best of all. I am the first to get ripe tomatoes in this section of Montana. Your Nuetta and Early June sweet corn did well.
Mrs. A. M. Bishop, Twin Bridges, Mont.

North Dakota Grown Seed Potatoes

**All Potato Prices Subject to Market Changes. Write for Prices on Large Lots.
We Do Not Ship Potatoes Until Danger of Frost Is Over.**

North Dakota grown seed potatoes have a national reputation for their vitality, purity, and freedom from disease. This state is producing this year an exceptionally fine lot of seed potatoes while over most of the Northwest there is a great shortage. We are glad to say that we are able to furnish the finest kind of North Dakota grown seed.

For Northwestern planters early potatoes are invariably the best crop and we are this year listing Rural New Yorker for our latest variety. Burbanks are altogether too late for our climate. We have dropped our White Swan and are offering the Rural instead. The White Swan seems to have run out with us and our stock is lacking in several respects. We are working with another main crop white potato which we hope to be able to offer in two or three years.

N. D. SELECTED EXTRA EARLY OHIO SEED POTATOES

The Standard Seed Potato of the Nation

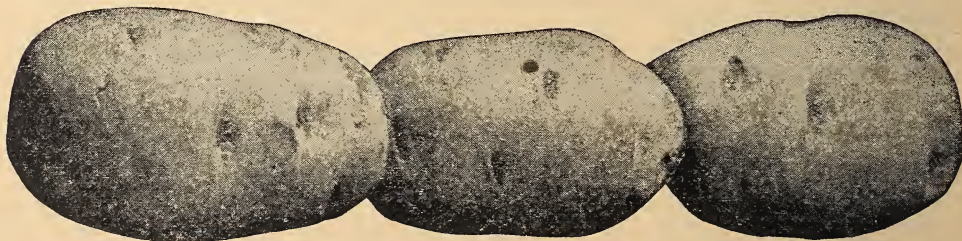


North Dakota Grown Early Ohios

The Early Ohio is the standard potato of the country. Early, a heavy yielder, uniform in size and probably unexcelled in eating qualities by any other variety; it is always the leader. Our stock is of the best selected strain, of good shape, smooth and clean. Our stock is grown in the Missouri Valley of North Dakota, the best seed raising section in the Northwest, and we believe it to be unsurpassed in qualities that go to constitute good potato seed. **Pk., 75c; ½-bu., \$1.25; bu., \$2.20. Ask for prices on large lots.**

N. D. SELECTED EARLY IDAHO SEED POTATOES

The Earliest Potato Grown

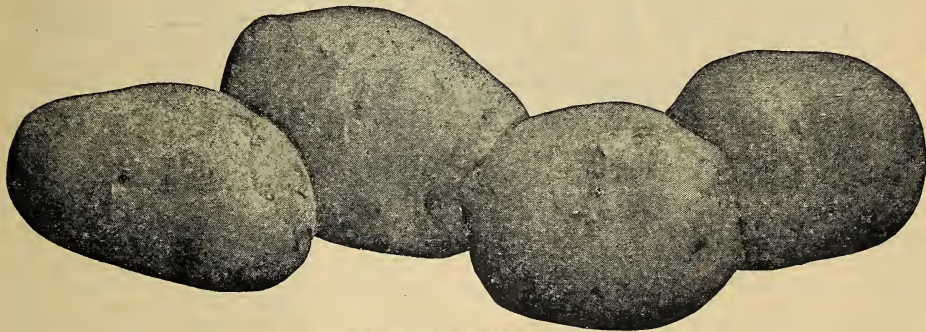


Will's Early Idaho Potatoes

This is the very earliest potato that we have even seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Early Ohio, but is somewhat smaller and ten days earlier. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the small gardener. The tubers are of exceptionally good quality from the first. **By express or freight, pk., 75c; ½-bu., \$1.25; bu., \$2.10.**

GOOD POTATOES are SCARCE—ORDER EARLY!

Specially Selected Irish Cobbler Seed Potatoes



Irish Cobbler Seed Potatoes

The Cobbler is undoubtedly the best early white potato grown. Skin is creamy white, flesh mealy and very good quality, maturity nearly the same as Early Ohio; tubers nearly round, smooth and uniform. **By express or freight, pk., 75c; 1-bu., \$1.30; bu., \$2.25.**

SELECTED RURAL NEW YORKER SEED POTATOES

The Best Main Crop Sort

As a main crop potato we are offering this year the Rural New Yorker, a medium late white potato, which has, to a marked extent, all of the good points of the later white sorts. It is of round, slightly flattened type, even in size and a very heavy yielder. The tubers have but very few and shallow eyes which adds to its smoothness and eating qualities, and the flavor is excellent. It is just late enough for our climate, being considerably earlier than the Burbank. **By express or freight, pk., 75c; 1-bu., \$1.25; bu., \$2.20.**

Potato Eyes

(By Mail or Express)

Plant about 8,000 to 12,000 to the acre.

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present high transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are invaluable.

We do not forward until danger from frost is past unless especially directed to ship on a given date.

EARLY IDAHO POTATO EYES, per 100, 50c, postpaid; by express, per 1,000, \$4.00.

EARLY OHIO POTATO EYES, per 100, 50c, postpaid; by express, per 1,000, \$4.00.

IRISH COBBLER POTATO EYES, per 100, 50c; postpaid; by express, per 1,000, \$4.00.

RURAL NEW YORKER POTATO EYES, per 100, 50c, postpaid; by express, per 1,000, \$4.00.

For Insecticides and Fungicides, see Page 50.

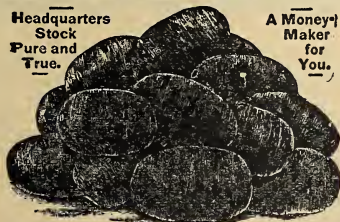
Grow New Varieties of

POTATOES

from the True Seed Ball Seed. There's money in it, and fun galore. No product so interesting—none may be of such value. The result will be amazingly diversified—

**Headquarters
Stock
Pure and
True.**

**A Money-
Maker
for
You.**



potatoes of all conceivable colors, shapes and sizes—50 or more new varieties. One may make your fortune. This may be your last chance to obtain this rapidly vanishing seed. Please tell your friends.

Packet with full Directions for Growing, 15 cts. 4 for 50 cts. 10 for \$1.00.



A Few Suggestions on the Growing of Flower Seeds and the Treatment of the Young Plant.

If plants are desired early the seed should be sown indoors in a shallow box or flower pot in light sandy loam. Best results may be had by mixing two parts black loam, one part sand, and one part decomposed stable manure. The soil should be well firmed in the box or pot and the seeds scattered over the smooth surface. Press the seeds into the soil and sprinkle with fine light soil to cover. Covering should never exceed twice the diameter of the seed. For the first few waterings cover the surface with cotton cloth to prevent seeds washing out of place. Temperature should be as near 80 degrees as possible. Light, fresh air and sunshine are essential.

As soon as second leaves appear, plants should be transplanted to other boxes or open ground to permit hardy, stocky growth. Plants should be watered freely until firmly rooted.

In sowing seed in the open ground the same care should be taken, but the seed should be covered a little deeper. The earth should be made slightly firmer and never allowed to dry out or crust over until plants have appeared.

Asters

PURITY - WHITE DAYBREAK.

The plants are strong, bushy, and very even in growth. The flowers are full and ball-like in form and of purest snowy white. Very valuable for bedding. **Pkt., 10c.**

BRANCHING. This late flowering American strain grows from 2 to 3 feet high and branches freely. The flowers are double and bountiful. Ours is a fine mixed strain. **Pkt., 5c.**



Purity



Japanese

JAPANESE. This is a giant-flowered, mid-season Aster of real merit. The long, narrow petals bend and curl on each other to make this the fluffiest Aster of them all. All colors mixed. **Pkt., 5c.**

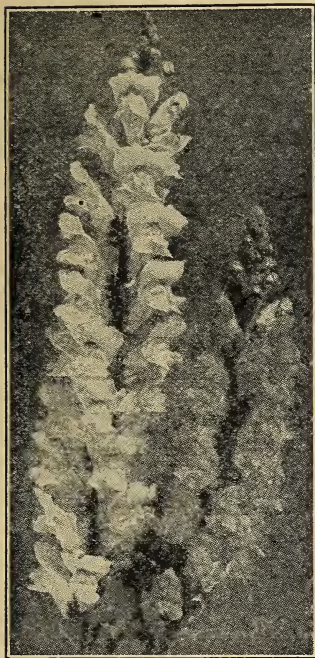
DAYBREAK. The head of a distinctly American group of Asters. The broad silvery petals are suffused with soft, delicate pink. The plant is a compact, strong grower, and flowers very early. The round, ball-like flowers make this unsurpassed for florists use. **Pkt., 10c.**

TRUFFAUT'S PEONY FLOWERED PERFECTION. Ours is a mixed strain of this grand old sort. The plants grow from 1½ to 2 feet high and bear very double, large and beautiful flowers. **Pkt., 5c.**

ALYSSUM—Sweet. A hardy annual of quick growth, blooming from early spring until killed by frost. Much used for borders because of its compact growth. The flower is a dainty white and deliciously fragrant. **Pkt., 5c.**

BACHELOR'S BUTTON—CORN FLOWER. Our mixture has been so perfected that fully 70 per cent of the flowers are double. This is among the most attractive of all hardy annuals and one of the most popular of the old-fashioned flowers. **Pkt., 5c.**

For Aster Plants, see Page 75.



Antirrhinum

CANNA—CROZY'S DWARF. This is an ever-blooming, large flowering French strain and blooms freely the first year from seed. They are more beautiful for bedding than even the best Geraniums, the tropical foliage being surmounted by spikes of bloom in glowing colors. Our mixture is made up of the best new varieties. The seed is very hard and for best results, the skin should be scraped through in one spot and the seed soaked for 24 hours in lukewarm water before sowing. **Pkt., 10c.**

CANTERBURY BELLS. A hardy campanula bearing a profusion of rose and purple delicately bell-shaped flowers. Does best in a rich, light soil and should be started indoors. **Pkt., 5c.**

CARNATION—DWARF MARGARET. Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom four months from seed, and may be cut back and planted in pots for winter blooming. With slight covering they will live out all winter. **Pkt., 5c.**

CATCHFLY. A bright-colored, free-flowering annual, largely grown for spring flowering and used in borders and rock work. It succeeds in any light, loamy soil. Our mixture embraces the white, red and rose-flowering strains. **Pkt., 5c.**

CHRYSANTHEMUMS—FRENCH MARGUERITE. These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the spring months. **Pkt., 5c.**

ANTIRRHINUM OR NEW GIANT SNAPDRAGON. They are easily raised from seed in any sunny bed. The flowers of our new strain are produced on long spikes which makes them valuable for cutting. Spring seedlings bloom by midsummer and if cut freely the flowering is continuous until fall. They may be then taken up, cut back, and will bloom in the house during the winter. Our offering comprises a mixture of all colors, from light pink to a gorgeous glowing scarlet. **Pkt., 5c.**

BALLOON VINE. Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-puff." The flower is insignificant, but the plant is a rapid and graceful climber. **Pkt., 5c.**

SPIDER PLANT OR BEE BALM. This is a native annual which is very hardy, growing on poor and dry soils, as well as in alkali and gumbo where little else thrives. A large bushy plant reaching a height of two to four feet, and covered in August with spider like purple or lavender flowers. **Pkt., 5c.**

CALENDULA—POT MARIGOLD. One of the best and showiest hardy annuals, growing anywhere, and blooming from mid-summer until killed by frost. Our strain is extremely showy with large double flowers of intense glowing colors. **Pkt., 5c.**

BALSAM—LADY SLIPPER. An old favorite, it likes hot sun, rich soil, and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. **Pkt., 5c.**

CALLIOPSIS Coreopsis. A showy and free-flowering annual, blooming all summer and excellent for cutting and massing. We offer a mixture of the finest strains. **Pkt., 5c.**

CANARY BIRD FLOWER. A beautiful climber with a charming little canary-colored blossom bearing a slight resemblance to a bird with the wings half extended. **Pkt., 5c.**

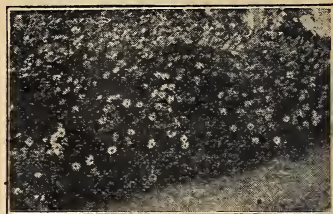
CANDYTUFT. Giant Flowering Mixed. This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots, or borders. **Pkt., 5c.**



Balsam

COBOEA SCANDENS—Cathedral Bells. Very prolific and perfectly hardy; this is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. **Pkt., 5c.**

COSMOS. We are offering for the first time a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in the fall with huge flowers. **Pkt., 5c.**



Cosmos

MORNING GLORY

CONVOLVULUS—Finest Mixed. A fine mixture of the old fashioned, yet ever popular climber. **Pkt., 5c; oz., 10c.**

CONVOLVULUS—Japanese Morning Glory. The flowers are of gigantic size and in coloring range from snow-white to black purple. The plant will make a growth of 25 feet in a summer, and many of the heart-shaped leaves are marbled with silver, white and yellow. **Pkt., 5c; oz., 15c.**

CYPRESS VINE. A most beautiful climber with dark green fern-like foliage and mass of beautiful star-shaped flowers. **Pkt., 5c.**

SUMMER CYPRESS—Burning Bush. A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. **Pkt., 5c.**

DAHLIAS

CACTUS. We offer a mixed strain of this variety; the loosely formed flowers of which closely resemble the Chrysanthemum. **Pkt., 5c.**

DOUBLE. This is a mixture of seed from all the best varieties. **Pkt., 10c.**

FRENCH COLLARETTE. A distinct type of Single Dahlia. Its peculiarity consists in a row of short petals around the disc, forming a frill of an entirely different color from the rest of the flower. **Pkt., 5c.**

DAISIES

SHASTA. This hardy perennial can be grown out of doors anywhere. The flowers are large with white, cream, and yellow-colored petals and small golden centers. We offer the choicest obtainable strain. **Pkt., 5c.**

For Roots, see Page 85

DOUBLE.—Bellis. Dainty, spring flowering, shade loving plants, suitable for borders and low beds. **Pkt., 5c.**

DIANTHUS—Chinese Pink. Like its relative, the Carnation, the Dianthus is supremely beautiful. Our mixture ranges from pure white to the most delicate pink and deep glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. **Pkt., 5c.**



Dianthus

DIGITALIS—Foxglove. Easily grown perennial attaining a height of from three to five feet, and producing long spikes of beautiful, tubular-shaped flowers. **Pkt., 5c.**

FOUR O'CLOCK—Marvel of Peru. A beautiful bushy, free-flowering old-fashioned favorite. The showy flowers open only in the afternoon or on cloudy days. **Pkt., 5c.**

FORGET-ME-NOT. These charming little favorites succeed best in cool, moist soils, blooming most freely during the spring and fall months. If lightly covered they will live through the winter and will bear even more profusely the second spring than the first. **Pkt., 5c.**



Digitalis-Foxglove

GERANIUM. Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. **Pkt., 10c.**

GOURDS—Ornamental. A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. **Pkt., 5c.**

HELIANTHUS—Chrysanthemum Flowered. The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. It is especially adapted for backgrounds and hiding unsightly places. **Pkt., 5c.**

HELIANTHUS—Mammoth Russian Sunflower. This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across, and contain an immense quantity of seed valuable as a poultry and stock food. **Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.**

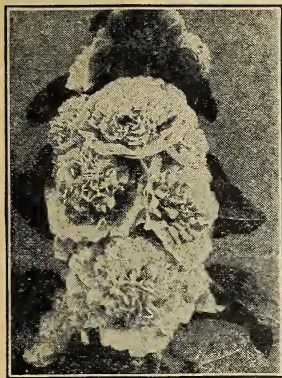
HELIOTROPE. A universal favorite on account of its fragrance and beauty, few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. **Pkt., 5c.**

HOLLYHOCK—Prize Double. Tall, stately, majestic; our strain of this old-fashioned favorite cannot be improved upon. The colors range from pure white through the whole scale to black. This is a perennial and will not bloom the first year unless planted indoors in March. Our selection is perfectly double. **Pkt., 5c.**

For Roots which will bloom the first year, see Page 80.

ICE PLANT. A trailing plant with singular icy foliage; most excellent for vases, hanging baskets or rockwork. **Pkt., 5c.**

LARKSPUR. A quick-growing, free-flowering annual, producing stiffly erect spikes of beautiful blossoms, range in color from pure white to dark blue. **Pkt., 5c.**



Hollyhock

MARIGOLD—The Eldorado. The plants grow 2½ feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of color; the lightest primrose, lemon, golden-yellow and deep orange. **Pkt., 5c.**

MARIGOLD—French Mixed. A dwarf strain which forms ball-like bushes of quick growth and free-flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. **Pkt., 5c.**

MIGNONETTE—Machet. A well-known favorite. Our strain is adapted for pot culture as well as for outdoor planting. It is of dwarf pyramidal growth bearing numerous flower stalks. The blossoms are highly colored and very fragrant. **Pkt., 5c.**

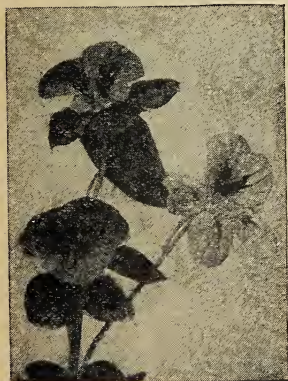


Marigold

NASTURTIUMS

WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS. Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart and when well started, thinned out to ten inches apart in the rows. The plants bloom freely and the flowers embrace every desirable color. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40.**

WILL'S SUPERB TALL MIXED NASTURTIUMS. Our magnificent strain makes a strong growth of from five to six feet, flowering freely from spring to fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection which we feel deserves a place in every garden. **Pkt., 5c; oz., 15c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25.**



Will's Tall Mixed

Pansies

CULTURE—Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.

WILL'S ROYAL SHOW. We have spared neither care nor expense in our efforts to make the Royal Show strain of Pansies the best in cultivation. This mixture is made up of the best and choicest varieties grown by specialists in all parts of the world. The colorings and markings are diverse beyond belief. Pkt., 15c; 2 pkts., 25c.



Will's Royal Show

WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show mixture, it comprises the best of several pansy specialists' choicest and most expensive strains. It is a mixture that will please everybody who enjoys pansies and can appreciate quality of color, shape and substance. Pkt., 5c.

BRIDESMAID OR METEOR. A mammoth flowering pansy with wine red flowers of great beauty. Very free blooming, and the blossoms are seldom less than two or three inches in diameter. Pkt., 10c.

MASTERPIECE. This is the height of perfection in the giant or mastodon flowering type, which is the highest development that the pansy has yet obtained. Blossoms are enormous, colors beautiful and showy, and the plants are strong bearers. Pkt., 15c; 2 pkts., 25c.

PSYCHE. A beautiful selection of the white Mastodon type, often with a dark purple center, wonderfully showy and attractive. Pkt., 10c.



Masterpiece

NEW PURPLE MASTODON OR ORCHID FLOWERED. This is a pure variety of very dark purple, with tremendous flowers. A striking and beautiful type of great excellence. Pkt., 10c.

PHLOX—Drummondii Grandiflora. Of all summer flowering annuals Phlox Drummondii stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual



Purple Mastodon

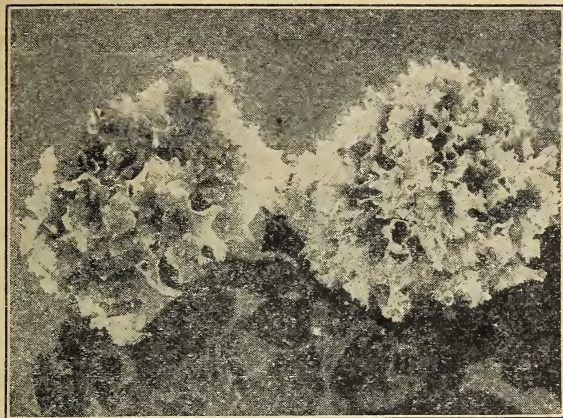
florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. Pkt., 5c.

For Pansy Plants, see Page 76.

Petunias

CULTURE—The greatest care should be taken in planting petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

HYBRIDA GRANDIFLORA. In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. **Pkt., 5c.**



Prize Double Petunia

SHIRLEY. This strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. **Pkt., 5c.**

CALIFORNIA OR ESCHOLTZIA. Crimson, white and gold. A showy, free-flowering plant, of low spreading growth and finely divided silvery-gray foliage. Seed should be sown thinly and early in the spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. **Pkt., 10c.**



Carnation Poppy

FLANDERS POPPY. The official flower of the American Legion. Hardy and easily grown, the vivid scarlet red flowers cannot be surpassed for effect when massed in solid beds. **Pkt., 10c.**

PORTULACA — Moss Rose. Our offering is a mixture of the double, rose-flowered strains. These

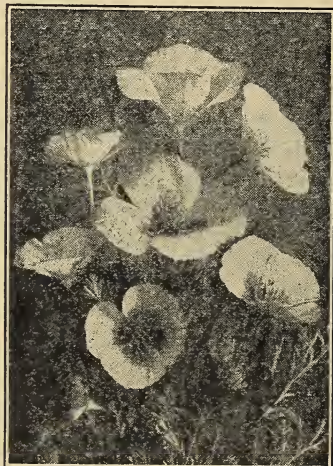
plants are dwarf in growth and spreading in habit. They are unexcelled for borders and will grow and bloom all summer in hot, dry locations where most other plants would soon die. Few flowers make a display of color as does a bed of Portulaca. **Pkt., 5c.**

PRIMROSE OR PRIMULA—Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the fall and continue through the winter. Our mixture includes not only the choicest colors of the single flowering Primulas, but also selected seed from hybridized flowers, which will produce a number of double blooms. **Pkt. 10c.**

PRIZE DOUBLE. This is a mixture of the very best large-flowering Petunias. Our seed is picked from strong, carefully fertilized, double flowers. As only a small percentage comes double from seed, the intensely careful work required in harvesting the desirable seed makes our stock veritably "worth its weight in gold." The colors embrace every shade known in the Petunia and will well repay the grower. **Pkt., 15c; 2 pkts., 25c.**

Poppies

MIXED CARNATION. This is the finest double and single mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. **Pkt., 5c.**



California Poppy or Escholtzia

WE CARRY PETUNIA PLANTS IN OUR GREENHOUSE DEPARTMENT.

STOCK—Ten Weeks. New large-flowering globe pyramidal stock. The immense spikes of perfectly double flowers are borne in great profusion. They are of beautiful coloring, rich fragrance and excellent keeping quality. Pkt., 5c.

SALPHIGLOSSIS—Grandiflora—"Velvet Flower." A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvet, yellow and reddish bronze. Pkt., 5c.

SCARLET RUNNER BEAN. This old time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pea shaped blossoms. Pkt., 5c; 1-lb., 25c.

VERBENA HYBRIDA. A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and embrace all the brighter shades. Pkt., 5c.

SWEET WILLIAM—Dianthus Barbatus. These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. Pkt., 5c.

ZINNIA. An old-fashioned favorite much used for bedding and borders and lately in strong favor for cutting. Few flowers are more easily grown or bloom more abundantly throughout the season. Flowers grown from our mixture are remarkable for their wide range of rich colors. Pkt., 5c.



Sweet William

Choice Mixed Sweet Peas

A Few Suggestions in Regard to Sweet Pea Culture—The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown at the rate of one ounce to fifteen feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed.

IMPERIAL MIXED. If you want the finest mixed Sweet Peas ever grown you should give the Imperial Mixed a trial and be convinced of their wonderful beauty. In this mixture are "blended" all the best Spencer strains and the ever popular Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled and margined. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00, postpaid.

WILL'S GIANT SPENCER MIXTURE. A perfect blend in proper proportions of many splendid varieties of the Spencer or orchid-flowered type throughout the whole range of color. This mixture has involved careful selection and we highly recommend it. Pkt., 10c; oz., 20c; 1-lb., 60c; 1-lb., \$1.15; 1 lb., \$2.25.

Single Color Spencer Sweet Peas

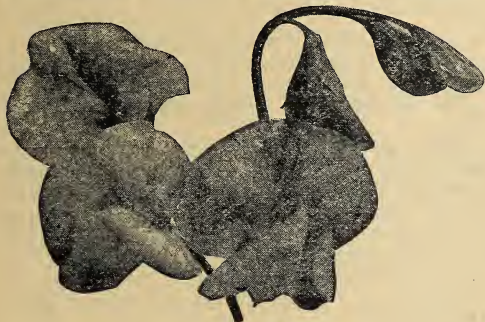
ROYAL PURPLE. The flowers are of splendid size and form and a rich warm purple throughout both banner and wings. The younger flowers have a slightly softer color tone. Pkt., 10c; oz., 25c.

WEDGEWOOD. The best blue Spencer, of a unique shade of light blue, borne almost uniformly in four flower sprays. Awarded certificate of merit by the Pennsylvania Horticultural Society. Pkt., 10c; oz., 25c.

KING EDWARD. This flower has a very large standard and the unusually large wings give it a truly gigantic appearance. The standard is a rich, sun-proof, carmine-scarlet. The faces of the wings are of the same brilliant hue, but on the reverse side are a rosy-carmine. Pkt., 10c; oz., 20c.

FIERY CROSS. This wonderful novelty Spencer has all the appearance of live fire and is an entirely new shade in Sweet Peas. The standard is a scorching fire-red, which scintillates in the sunshine and radiates over the entire flower, lighting up the rich, cherry-orange wings. Unlike most of the scarlet varieties it does not scorch or burn even during periods of intense sunshine, and therefore can be grown on all soils without shading. The beautifully waved and fluted flowers are borne freely in threes and fours, well placed on long stout stems. Pkt., 10c.

ILLUMINATOR. In color this variety is distinct and may best be described as a rich cerise-salmon. The flowers of this Spencer sort are well placed on long, stout stems, and are uniformly large. The standard is bold, expanded and attractively waved. This sort was awarded a Certificate of Merit by the American Sweet Pea Society. Pkt., 10c; oz., 25c.



Irish Belle

FLORENCE NIGHTINGALE.

The standard is unusually bold and measures two inches across. The color is a soft, rich lavender toned by a faint rose-pink. The large, well spread wings are frilled and well waved. This is a beautiful Sweet Pea for bunching. Pkt., 10c; oz., 25c.

IRISH BELLE OR DREAM.

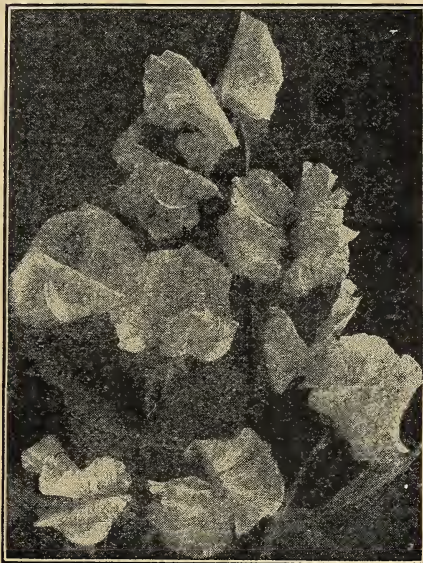
A superbly beautiful variety that shows quite a new shade in Sweet Peas. This coloring is uniform throughout the flower—a rich lilac, flushed with pink. The flowers are of large size and well placed on long stems. This

variety is certified by the National Sweet Pea Society of America. Pkt., 5c; oz., 25c.

CREAM-PINK DUPLEX. In color both the standard and wings are a rich cream-pink and practically all the plants give blooms with double and triple standards. On sprays of four blooms each the two lower flowers are double. Even the flowers which have only a single standard are magnificent. The beautiful lemon colored keel adds to the effectiveness of the flowers when bunched. Pkt., 10c; oz., 25c.

PRIMROSE. The largest and best strain of Primrose-Spencer. The cream-yellow flowers are large, of splendid substance, and well waved with an abundance of four bloom sprays. Pkt., 10c; oz., 25c.

MRS. SANKEY. The largest and grandest of all white Sweet Peas. Born in fours on long stout stems, the blooms attain perfection in form, waviness, and immaculate whiteness. Pkt., 10c; oz., 25c.



Primrose

Insecticides for Farm, Garden and Household

For Potato Bugs, Cabbage Worms, Aphis and All Plant Pests.

Prices Subject to Market Change. Ask for Prices on Large Lots.

All prices on this page by express or freight unless otherwise explicitly stated.

Insecticides are becoming an increasingly necessary item in our Northwest agriculture. Last year was perhaps the worst year for insect pest that we have ever had, and next year consequently is apt to be very bad. Our list gives both powder and spray remedies for all these pests; we can quote special prices on quantity lots, and shall be glad to answer any questions on the subject.

ARSENATE OF CALCIUM. This is rapidly coming to be the most used insecticide for potato spraying. It may be used either in liquid form or with a dust blower in powder form. Our preparation is in powder form. 1 lb., 40c; 5 lbs., \$1.90. Cannot be sent by mail.

PARIS GREEN. The old reliable pest destroyer for potatoes, tree worms, etc. ½-lb., 35c; 1 lb., 60c; 2 lbs., \$1.00; larger lots, 45c. Cannot be sent by mail.

BORDEAUX MIXTURE. This is the only good remedy against the fungus diseases of plants and trees, such as rusts, blights, mildew, etc., 1 lb., 40c; 5 lbs., \$1.75. Cannot be sent by mail.

HAMMOND'S SLUG SHOT. One of our very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed on Page 52. By express or freight, 1 lb., 20c; 5 lb., pkg., 75c; 10 lbs., \$1.25. By mail, add your zone postage.



BUG DEATH. Another powder form insecticide, not only an enemy to cabbage worms, potato bugs, and pests on nursery stock, but said also to be a stimulant to the growth of small fruit, etc. Non-poisonous to human beings and animals. Apply with duster. By express or freight, 1 lb., 25c; 3 lb. pkg., 60c; 5 lb. pkg., 90c; 12½ lb. pkg., \$1.65. Add your zone postage if desired by mail.

CARCO. For cut worms, plant lice, maggots on root crops including onions. The only thing for underground pests. Pint, 60c, by express; 75c, postpaid.

BLACK LEAF 40. A tobacco preparation, especially for plants and nursery stock. An excellent aphid remedy. 1 oz. bottle (makes 6 gallons), 30c. Cannot be sent by mail.

SULPHO-TOBACCO SOAP. Combines the qualities of tobacco and an oily emulsion which no insect can withstand. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticide for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid, 3 oz. cake, 15c; 8 oz., cake, 30c.

FISH OR WHALE OIL SOAP. A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smeared on trees will prevent the ascent of worms. Postpaid, 1 lb. cake, 25c.

CARBOLA—The Disinfecting White Paint. Destroys vermin, makes a smooth even surface superior to any white-wash, nothing better for chicken house or dairy barn. Can be easily applied with sprayer or brush. Useful also in powder form as a lice powder and insecticide. One lb., to one gallon of water. In 10 lb. pkgs, at \$1.25 each.

Fertilizers

FERTILIZERS also are becoming increasingly necessary in the Northwest, and we are now carrying a good stock of the kinds most valuable there. We recommend especially the different preparations for the flower garden, lawn and vegetable garden.

NITRATE OF SODA. The great nitrogen supplying fertilizer. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.25; 25 lbs., \$2.50.

PULVERIZED SHEEP MANURE. Unequalled for lawn use, apply at rate of 5 to 10 lbs. per 100 square feet. Price 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75.

LAWN RENEWER. A strong, prepared fertilizer for run down lawns as well as general garden and flower bed. One lb. equals 20 lbs. stable manure. Use at rate of 25 lbs. per 1000 square feet. 10 lbs., 75c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00.

STIMULANT. Concentrated fertilizer and plant food in tablet form, the most concentrated form of plant food on the market. Four tablets makes one gallon strong fertilizer. Pkg. of 30 tablets 25c, postpaid.

RED SNAPPER PLANT FOOD. A wonderful rich and nutritious fertilizer for house plants and the small garden. Nitrogen and Phosphates together. Send for descriptive circular. 10 oz. package, 25c; 2 lb., package, 50c, postpaid.

Poultry Supplies, Prepared Feeds, Etc.

All by express or freight unless otherwise stated. Prices subject to change.

Cracked Corn, Whole Corn, Ground Feed and other feeds always in stock. Write for prices.

BLATCHFORD'S CALF MEAL. Raise Your Calves Without Milk. This compound composed of eleven balanced ingredients is a perfect milk substitute. Has been used for over seventy years, and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25 lb., sack, \$1.75; 50 lb., sack, \$3.25; 100 lbs., \$6.00.

PIONEER BABY CHICK FOOD. For baby chicks up to three weeks old. A carefully ground, mixed and screened feed. 4c per lb.; \$3.75 per 100 lbs.

PIONEER CHICK FOOD. To be fed after three weeks old and until chicks are able to eat whole grain. Per lb., 3c; 100 lbs., \$2.75.

MILK MASH. To promote healthy growth of chicks. 25 lbs., \$1.50; 100 lbs., \$5.00.

EGG OR LAYING MASH. Promotes egg laying greatly, especially in winter. 25 lbs., \$1.50; 100 lbs., \$5.00.

EGG LAYING TABLETS, LEGEAR'S. To be used in the feed. Very well recommended. Pkg. of 50 tablets for 50c, postpaid.

PIONEER SCRATCH FEED. A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. Per 100 lbs., \$2.00.

MEAT SCRAPS. 25 lb., sack, \$1.50; 100 lbs., \$5.50.

DARLING'S MEAT CRISPS. By express or freight, 3 lb. package, 40c.

SUNFLOWER, HEMP AND CANARY. For poultry, parrots and song birds. By express or freight, 20c per lb.; 10 lbs., \$1.50.

ALFALFA MEAL. By express or freight, 10 lbs., 40c; 25 lbs., 75c; 100 lbs., \$2.50.

CHARCOAL. To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 75c; 100 lb. sack, \$5.00.

CRUSHED OYSTER SHELLS. We have this year a good supply on hand. 10 lbs., 25c; 100 lbs., \$1.65.

MICA CRYSTAL GRITS. By express or freight, 100 lbs., \$1.75.

GLASS JAR DRINKING FOUNTAINS. We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. Price, postpaid, 25c.

CHAMPION LEG BANDS. Numbered from 1 to 100. Price, postpaid, 25 set, 35c; 100 set, \$1.00.

KEYRING CELLULOID LEG BANDS. Different colors. Per dozen, 25c, postpaid.

THE LAWN PARK COOP. A light sanitary, safe and easily shifted coop of wire and galvanized iron. Send for circulars. By express or freight, \$3.50 each.

INCUBATORS AND BROODERS. We solicit inquiries and shall be glad to send special literature.



In response to an increasing demand we have concluded to list a line of poultry and stock remedies. After some investigation we decided that the LeGear remedies were the best to be obtained, and we can supply them to our customers as follows:

STOCK POWDERS in the following sizes 25c, 50c, \$1.00, and in 25 lb., pail, \$2.50.

STOCK DIP. 1 qt., cans., 60c; per gallon, \$1.75.

POULTRY POWDER in 30c and 60c sizes.

LICE KILLER, per pkg., 30c.

CHOLERA REMEDY, 25c.

ROUP REMEDY, 25c.

SORE HEAD REMEDY, 25c.

HEAD LICE REMEDY, 25c.

Prices are all by express or freight. Add 5c per pkg. to small size packages if wanted by mail.

Dusters and Blowers

DICKEY DUSTER. A cheap and exceedingly satisfactory duster for the application of all powder insecticides. Price, postpaid, 80c.



CORONA DUST GUN. A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. By express or freight, \$1.00.

DOBBIN'S NO. 100 POWDER BLOWER. This will handle two rows at once and can be used just as rapidly as the knapsack type of sprayer. It is the most perfect machine manufactured for the application of powder insecticides. Price \$10.00, by express or freight.

Sprayers

UTILITY GLASS JAR SPRAYER NO. 25. This sprayer has a capacity of one quart, is substantially built and very satisfactory. Price, by express or freight, \$1.10.

DOBBIN'S HANDY NO. 11. This sprayer is made in the gallon size, of high grade materials well put together. Price, by express or freight, \$3.50.

DOBBIN'S SPRAYER NO. 15. This is the knapsack sprayer and we believe is the very best one made. Up-to-date in every particular, can not clog, easily taken apart and put together. Capacity 3½ gals. No. 15 of galvanized iron, No. 14 same style but of brass. Prices, by express or freight, No. 15, \$6.50; No. 14, \$10.00.

We shall be glad to quote on barrel sprayers and larger sizes.

Tools and Implements

THE CYCLONE SEED SOWER. Is the greatest labor and seed saving invention of the age. Its working principles are a marvel of simplicity. The machine is so simple in construction and so perfect in operation that even a boy can operate it.

It will sow Clover, Timothy, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Turnip, Millet, Alfalfa, Corn, Cotton and all other farm seeds perfectly even and in any desired amount to the acre, and from thirty to sixty acres per day, full instructions and directions on every machine. Price, each, \$2.50, postpaid. By express, \$2.25.

ACME POTATO PLANTER. All steel with basket tube to drop into. Price, \$2.75, each. By express or freight.

ACME HAND CORN PLANTER. Plants one to five kernels per hill as desired. Price, \$2.00, by express or freight.

LANG'S HAND WEEDER. The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per dozen.



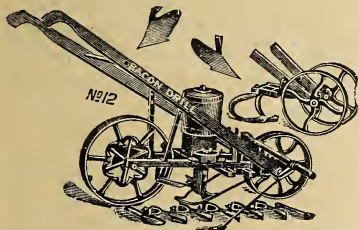
**LANG'S
HAND
WEEDER**
HANDIEST
TOOL
ON EARTH.



HAND GARDEN TROWELS. We have secured a supply of extra good quality heavy trowels. Neither handle nor blade will break or bend. Price, each, 80c, postpaid.

Drills and Cultivators

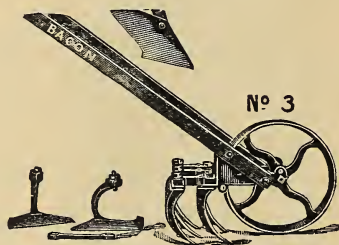
THE BACON NO. 12. Equipped with parts to transform it from a drill and hill dropper into either a single or double wheel hoe. Will seed any size seed regularly and evenly, and is especially good in sowing such seed as beet, parsnip, carrot, etc. An ingeniously devised force feed which does not injure the seed. A sturdy substantial machine for the gardener. Hill dropper for 9, 12, 18 and 36 inch distances. Can be made into either the No. 3 or 4 cultivators, with five teeth, two hoes and right plow. This gives full garden equipment for seeding, cultivating both sides of a row and between rows. The change from drill to cultivator is very easily and quickly made. Price, complete, boxed, by express or freight, \$16.00.



BACON CULTIVATOR NO. 3. A single-wheel machine with five teeth. By express or freight, boxed, \$7.50.

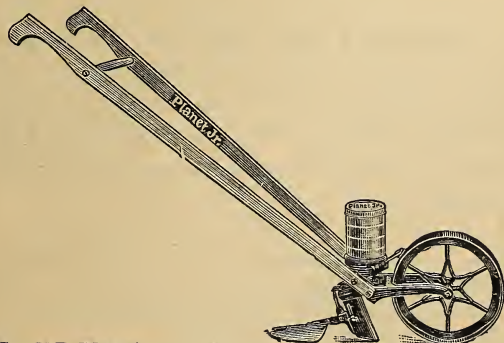
BACON CULTIVATOR NO. 4. Single or double-wheel machine with five teeth, 2 hoes and right plow. By express or freight, boxed, \$8.00.

NO. 25 PLANET JR. HILL AND DRILL SEEDER. Double-Wheel Hoe, Cultivator and Plow. A combination of the Planet Jr. No. 4 seeder and No. 12 two-wheel cultivator. Equipped with one pair 6-inch hoes, two pairs teeth, two plows and two leaf guards. Sows in drills of any thickness or in hills 4, 6, 8, 12 or 24 inches apart. Thoroughly substantial and accurate in planting all kinds of seed. Seed hopper holds 2½ quarts. Quick shut-off and very simple regulator for fixing the rate of sowing. As a cultivator, can be used for hoeing, stirring, furrowing or hilling, either astride the row or between rows. Price, boxed, by freight or express, \$26.50.



NO. 4 PLANET JR. SEEDER. Same as No. 25, but with no cultivator attachment. Price, boxed, by express or freight, \$23.50.

PLANET JR. NO. 31D. This is a tool built for the small gardener whom the owning of a more expensive tool would not quite pay. It is a seeder only, of the usual Planet Jr. high quality. Price, by express or freight, \$12.50; shipping weight, 22 pounds.



No. 31D Planet Jr. Drill

NO. 17 PLANET JR. Single-Wheel Hoe and Cultivator. Equipped with two 6-inch hoes, a plow and 4 teeth. Extra tools can be purchased for use on it. Price, boxed, by express or freight, \$10.75.

NO. 12 PLANET JR. Single and Double - Wheel Cultivator. Combines the No. 17 with a two-wheel machine. Price, boxed, by express or freight, \$15.50.

FOLDERS on BACON and PLANET JR. MACHINES Furnished on Request.

Will's Seed Corn

MISSOURI VALLEY GROWN IN NORTH DAKOTA SOME FACTS ABOUT PIONEER BRAND SEED CORN

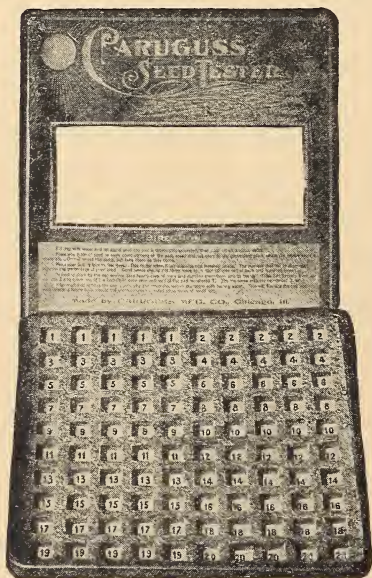
We have now been raising seed corn here in the Missouri Valley of North Dakota for forty years. For several hundred years previous to our beginning, Seed Corn was raised in the Missouri Valley of North Dakota, and no where else in the state, by the native Indians. And this of course was because the Missouri Valley was the best suited section of North Dakota for the raising of seed corn.

Out here the varieties of corn especially adapted to the Northwest were bred and developed, and here they grow to their greatest perfection for seed purposes. Our corn ripens and dries on the stalk, making plump, full grains of abounding vitality and almost perfect germination. Such corn used for seed grows faster and makes larger plants and ears than any kiln dried, shrivelled, discolored seed corn can ever do by any possibility. Physical weakness in man, beast or plant and low vitality is bound to show in the offspring.

Seed Corn is our specialty—our stock is all grown from seed of our own selection. We hand sort all Seed Corn and both before and after shelling and testing store it in warm, dry buildings. No better grade of seed corn can be produced anywhere. Remember that we have bred and introduced practically all of the best varieties of corn for the Northwest. You will find them described in the following pages.

Corn has in the past year once more demonstrated its value as a sure crop; be sure to plant a good acreage next season, and to use only reliable, tested **PIONEER BRAND SEED CORN** purchased from **OSCAR H. WILL & CO.**

Every lot of corn is tested after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. We are always willing to have any corn not as represented returned by customers, as it is our aim to send out only the best. Mistakes will occur in the warehouse sometimes, and feed corn or the wrong sorts may be accidentally shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods.



PRICES OF SEED GRAIN AND SEED CORN INCLUDE SACKS, ARE F. O. B. HERE AND SUBJECT TO CHANGE WITHOUT NOTICE.

CARUGUSS SEED TESTER. An inexpensive, scientifically constructed seed tester, suitable for testing all sorts of seed and grains, and especially seed corn. No farm home should be without one of these handy testers. **Price, post-paid, \$1.00.**

Mrs. Amos A. Galahan,
Twin Bridges, Mont.
I have used your Gehu Corn and think it cannot be beaten for this climate.

Will's Genuine Dakota White Flint Corn

The Earliest, Most Drouth Resistant, Highest Yielding
of the Early Flints

We have had a forty acre contract field produce over 1600 bushels of dry corn, besides enough feed to keep a large herd of cattle, which was turned on the field after the corn was picked, for over a month.

Yields of 42 bushels, or more have been officially recorded in Montana on several occasions.

This Dakota White Flint was the first variety bred by Oscar H. Will from the native Indian corn.

It is pure pearly white in color, the ears have from 8 to 10 rows; length of ear from 6 to 10 inches, sometimes longer; cob is slender and white; kernels broad and blocky. A large number of ears are borne to the hill which is a mass of leaves and fine stalks. The ears are from 4 to 12 inches from the ground, depending on the season, and the height of the plant from 3½ to 5 ft. Matures corn with a very small amount of moisture and withstands hail storms and frost better than any other sort.

Dakota White Flint has ripened at Bozeman, Mont., at an altitude of 6000 feet.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. Price: pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 40c; ½-bu., \$1.00; bu., \$1.90; 100 lbs., \$3.35; 10 bus., @ \$1.80.

We raised your seed last year with great success, on our dry farm. We had fine White Flint field corn, dry farmed and we were in the drought zone last year.

J. F. White, Small, Idaho.

Burleigh County Mixed Corn

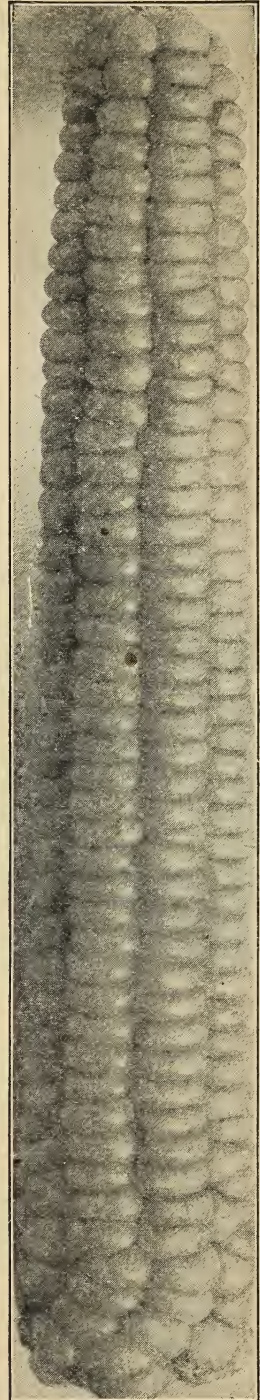
The Original Dakota Squaw Corn

This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its extreme earliness, and its unusual hardiness. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 40c; ½-bu., \$1.00; bu., \$1.75; 100 lbs., \$3.00; 5 bus., @ \$1.60.

Sylvester Dwyer, Box 104, Wolf Point, Mont.

Your Dakota White Flint Corn and Gehu Corn are proving very satisfactory. J. B. Johnson won local and state prizes on Gehu raised from seed we got from you last spring.

We ordered seeds from you last spring and were well pleased with the results. The Gehu and Dakota White Flint corn were especially fine, also the Nuetta sweet corn. Spurgeon Hamilton, Teckla, Wyo.



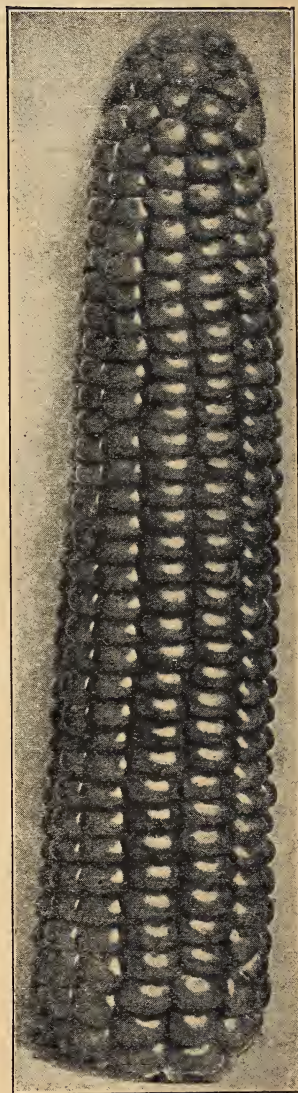
Will's Gehu Seventy Day Corn

The Old Reliable Flint for the Northwest.
Gehu Is the Strongest Feed Corn Grown.

Gehu is the best known of all our native early flints. It has been grown with fine results in Scandinavia, northern Russia, Ireland, Scotland, South Africa and South America. It is the best bred of the early

flints and the very highest in feeding qualities of any corn grown. Drouth, frost and hail resistant, it is wonderfully early. Mr. Gordon McLaren of Pipestone, Manitoba, writes, "Your Gehu corn will always ripen here in any ordinary season." We have never seen a crop failure of the Gehu in all the thirty and more years that we have grown it. It is very leafy and produces a tremendous amount of excellent feed, since every part of the plant is valuable, as there is no heavy stalk. In good soil and under reasonable moisture conditions it can be cut with an ordinary corn binder. SEE the FRONT COVER for PICTURE in COLORS. Pkt., 5c; 1 lb.,

25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.00; 1 bu., \$1.80; 100 lbs., \$3.20; 5 bus. or more @ \$1.75.



Will's Gehu corn is the only corn successfully raised in this country. Altitude is 7,500 feet. Fred W. Boyd, Ibapah, Utah.

I have been using your seeds since 1911. Never had a bad seed. Your corn, the Gehu flint, White flint and White dent did fine.

Henry Krieger, Knobs, Mont.

I got some of your Gehu corn, and it did so well I must write and tell you about it. I am more than pleased with this corn.

Chas. W. Larson, Casper, Wyo.

I thought you might be glad to get a report on your North Dakota White Flint. Some of my neighbors tried another variety this year but the only corn that made at all was Oscar Will's Dakota White Flint and Gehu. This was a very poor corn year and a good year to put it to a test.

Herbert Ford, Clearmont, Wyo.

Assiniboine Corn, A Native of Canada

The Earliest Corn in the World.

We have this year a good supply of this wonderful early corn, which originated with the Indians of Canada, but we reserve the right to fill orders with either the mixed or the yellow at our own discretion. Both are equally early and alike in all particulars except color. We quote Mr. Gordon McLaren of Pipestone, Manitoba, as to the value of this corn where the season is short;—"Your Assiniboine yellow corn, planted June 10th, gave us ripe corn in spite of the drouth, the worst in 25 years. This is the most drouth resistant grain crop I know of."

We believe that there is no place in the United States where this corn will not ripen. Pkt., 5c; lb., 25c, postpaid. By express or freight, 10 lbs., 60c; ½-bu., \$1.50; bu., \$2.25; 100 lbs., \$4.00.

Ivory King



We are this year again offering the Ivory King; this is a large type white flour corn such as was raised by the Indians in southeastern South Dakota, and which has given the highest yields of any corn in several of the tests made by the Bureau of Corn Investigations for that region. This variety has been raised in the eastern part of the state for some years now both for silage and for ear production. It is a trifle late for a sure ripening sort although it is as safe as most of the early dents. As a producer of fine silage, however, it is without equal. The corn grows high enough to cut with a binder, the ears are of tremendous size, and the stalk is very leafy. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.00; 100 lbs., \$3.50.



Mandan White
Flour

Mandan White Flour Corn

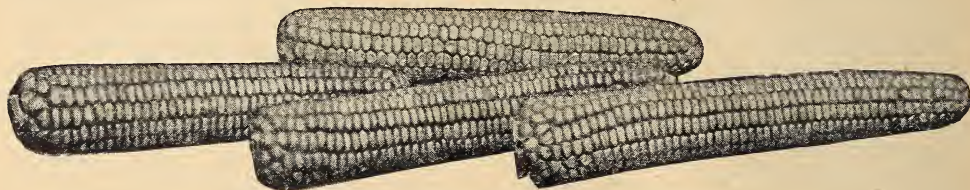
Government tests have demonstrated that the flour corns are actually even higher in feed value than the dents and are much more easily ground up and digested by stock than any other type of corn. In response to an urgent demand we have grown this year a sufficient supply of the white flour corn from the Mandan Indians to be able to supply it at reasonable prices for field purposes. This is as early as the early flints, a very heavy yielder of both fodder and ears, and certainly worthy of trial either for hogging off or ripening. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.50; bu., \$2.50; 100 lbs., \$4.00.

If I do any more farming you will get my orders as you handle first class stuff and that is half the secret in raising a crop.

H. Chalfant, Jayem, Wyo.

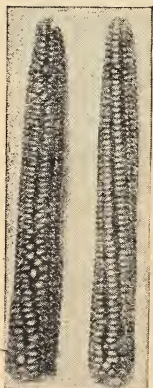
Falconer Corn

The Heaviest Yielding of All Corn Varieties for the Northwest.



Once more the Falconer corn has shown its pre-eminent fitness for the Northwest. It has outyielded all of the dents by a wide margin, has thriven on less moisture at the critical period than we have had for many years and has come out with a bumper crop.

We have sold this splendid corn to our customers for the past three years and find that all who have bought it are very well pleased. We believe it to be the very heaviest yielding corn, one year with another, that is grown in our section where it seldom averages less than forty bushels to the acre. It is a selection made by Mr. Angus Falconer from a local mixed corn, known as Beal corn, a cross between an early native flint and an unknown dent, produced nearly thirty years ago, and combines all the good qualities of both parents together with that of a long period of acclimatization. The selection is practically a yellow semi-dent though not quite pure yet. It grows high enough to be easily cut by the ordinary binder, and produces ears of very large size. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.00; 100 lbs., \$3.50; 10 bus., @ \$1.90 per bu.



Mandan King

Mandan King

The New Flint, Tall, Leafy, Early and Drouth Resistant.

Mandan King has once more proved its value for the Northwest, demonstrating this year that it was not only a tremendous yielder of fine stalks and leaves, but also that it inherits much of the drouth resistant characteristics of its native parent. It has yielded very well both of ears and fodder.

We consider it to be the ideal silage corn for those who wish the flint type, as it combines the yield of the late King Philip type flint, which was one of its parents, with the earliness and hardiness of the Mandan corn, its other parent. Usually ripens about a week later than Gehu. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.30; bu., \$2.10; 100 lbs., \$3.60; 5 bus., @ \$2.00.



Mandan King

Just a word for your seed. I have planted my garden from them for the last four very dry years in this part and have found them strong and vigorous.

Mrs. Wm. Wyatt, Plentywood, Mont.

Will's Northwestern Dent Corn



The Hardest Dent Corn on Earth—Unequalled for the Silo.

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.



Northwestern Dent is more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.00; 100 lbs., \$3.50; 10 bus., @ \$1.90.



Northwestern Dent Corn is one of the best varieties for this country, for maturing and making an all around crop.

H. Chalfant,
Jayem, Wyo.

Square
Deal
Dent

Seed
Corn

The Earliest Yellow Dent in the World.

"Square Deal" is a pure yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It is the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. This corn is growing in favor very rapidly, and it bids fair to take first place among all the early varieties. We do not recommend this variety for light soils, but on rich, heavy land it will outyield any other sort. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.00; 100 lbs., \$3.50; 5 bus., @ \$1.90.

PLANT CORN—RAISE STOCK—PROSPER

Pioneer White Dent Corn

The Best Grain Producing Dent for the Northwest.



After careful observation we have come to the decision that the Pioneer Dent is by all odds the best dent variety of corn for the Northwest. It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., 11 years ago, corn which he had at that time raised for twenty years in North Dakota.

This corn has never failed to produce some ripe corn for us even in the worst years, and has proved an unusual success in eastern Montana where it is very popular.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 24 inches from the ground. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.00; 100 lbs., \$3.50; 10 bu. lots @ \$1.90.

I am again ordering some Pioneer Dent Corn. So far I have tried Pioneer Dent along side of thirteen different varieties, and Pioneer Dent beats them all for this climate in point of yield as well as growth and maturity. It is certainly a fine dent corn and the earliest of all dents.

E. T. Stolz, Greencreek, Idaho.

F. W. Kreidler, Miles City, Mont.,
Powderville Route.

The Pioneer White Dent I got of you last year proved to be the best dent I have tried yet. Picked my seed in exactly 90 days from sowing date. Was knocked flat by hail and wind twice and was hard to bind as there was a cow horn on nearly every stalk and of course the leaves were split and greatly damaged by the hail. In spite of that it yielded over 25 bu. on 15 acres, which I consider extremely good under the circumstances as the storms probably cut the crop 50 per cent.

Minnesota 13 Corn

This is a medium early yellow dent that has proven very satisfactory in Minnesota and southeastern North Dakota, as well as in certain irrigated sections of southern Montana. For most of North Dakota and Montana it is not a safe variety to plant for mature corn, but is excellent as a silage sort.

The ears are of handsome appearance, bearing 16 to 20 rows of bright, rich yellow smooth wedge-shaped kernels, packed closely on the cob from butt to tip. The ears average eight inches in length and are borne usually two on a stalk; matures in ninety days when planted in favorable soil and in a good location, but ninety-five to one hundred days places it out of danger under average conditions. The stalks grow to a height of seven feet, and being leafy, make excellent and very nutritious fodder. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.00; 100 lbs., \$3.50; 10 bu., lots @ \$1.90.

4 X Fodder Corn

A Tall Growing, Leafy, Heavy Yielding Fodder Corn.

The 4 X is, we consider, the very best procurable for Northwestern conditions.



4 X Fodder Ears

We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten lbs. to $\frac{1}{2}$ bu. per acre, if planted in rows 3 to 4 feet apart; if broadcasted, use about $2\frac{1}{2}$ bus. **Lb., 25c, postpaid.** By express or freight, 10 lbs., 25c; $\frac{1}{2}$ -bu., 60c; bu., \$1.00; 100 lbs., \$1.75. Quantity prices on request.

Sweet Fodder

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milk

cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy coarse stalks which are usually waste. **Lb., 30c, postpaid.** By express or freight, 10 lbs., \$1.00; $\frac{1}{2}$ -bu. or 25 lbs., \$1.75; bu. or 50 lbs., \$3.10; 100 lbs., \$6.00.



Sweet Fodder Drilled-In

Acme Fodder Corn

The Best Silage Corn for the Northwest

Acme fodder is a mixture of off type dent corn or of the local mixed strains or other early dents of which we may have an extra amount. Being a mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. **Lb., 25c, postpaid.** By express or freight, 10 lbs., 50c; $\frac{1}{2}$ -bu., \$1.00; bu., \$1.70; 100 lbs., \$3.00.

4 X Fodder Corn is the best fodder corn that I ever have raised.
Yours truly,

Clifford Phillips, Medora, N. D.

Will's Clean Tested Seed Grains

All prices include sacks. Remember this—it means a very great difference. Prices on all seed grain subject to change without notice.

We issue once or twice a month a special price list covering all price changes, items out of stock, etc. We are always glad to mail this to anyone upon request.

We offer herewith a selected list of seed grains all of which have proved exceptionally adapted to the Northwest. Most of them have been grown for us on contract and others have been bought only after careful examination. The dry season has cut down the supply of many things, but we are doing our best to fulfill all demands.

Notice

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.

Pioneer Brand Seed Barley

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.

Swan Neck. We are very glad to once more be able to offer this variety, as it has without doubt proven itself the best sort for the central and western part of the state as well as further west. It is a medium early, two row variety with large plump berry, and is highly recommended by agricultural authorities for its heavy yield, and drouth resistant qualities. Lb., 20c, postpaid. By express or freight, 10 lbs., 40c; $\frac{1}{2}$ -bu., 60c; bu., \$1.00; 100 lbs., \$2.00. Write for large lot prices.

Oderbrucker. This is perhaps the standard variety of six row barley. It does best on heavy, rich soil where it is a tremendous yielder. Lb., 20c, postpaid. By express or freight, 10 lbs., 30c; $\frac{1}{2}$ -bu., 50c; bu., 90c; 100 lbs. \$1.85. Write for large lot prices.



Oderbrucker
Barley



Swan Neck Barley

White Hulless. This is a six row, beardless barley which threshes out of the hull like wheat. Very heavy grain, and a good yielder, especially popular in eastern Montana. Sometimes sown for early hay, an excellent hog feed either threshed or to turn the hogs into. Sow 90 to 100 lbs. Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.

Black Hulless. Very similar to the above except that it is bearded and perhaps a trifle more sure in a very dry year. Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.

We may be out of either one or the other varieties of Hulless Barley. We shall substitute unless otherwise directed on the order.

FREIGHT RATES COUNT THESE DAYS. REMEMBER THAT WE ARE LOCATED IN THE CENTER OF NORTH DAKOTA WITH TWO RAILROAD LINES AT OUR SERVICE AND DIRECT ROUTES RADIATING IN EVERY DIRECTION.

Do not forget to treat seed grain with formaldehyde to prevent smut. We can furnish literature on the subject if desired, and can supply the solution.

Pioneer Brand Seed Oats

Sow 1 to 2½ bushels per acre.

Grain and Grass Seed Prices Subject to Change
Without Notice.

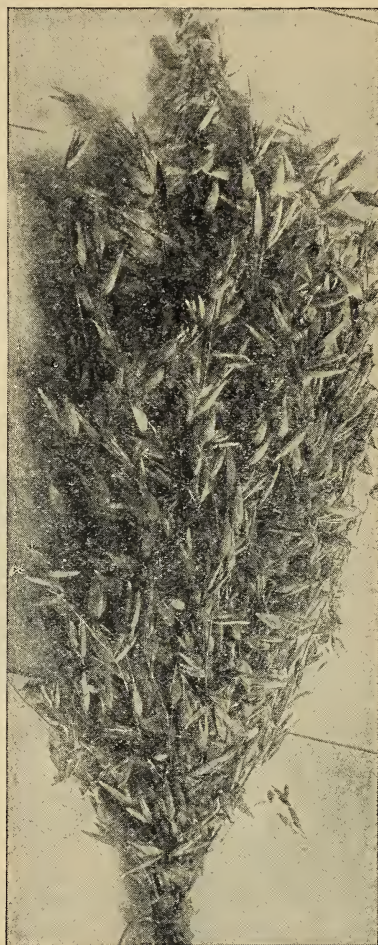
EARLY MOUNTAIN. We are very glad indeed to be able to offer this very valuable variety again. And we still have the No. 2 strain from the U. S. Experiment Station at Dickinson. The Early Mountain is a very heavy yielder, drouth resistant and highly considered both at the Williston and Dickinson stations as well as in Montana. We consider it the best oat we can supply for the Northwest as a whole. It is a branching oat, white in color, very plump and with a thin hull which hardly covers the grain. Lb., 25c, postpaid. By express or freight, 10 lbs., 30c; ½-bu., 40c; bu., 75c; 100 lbs., \$2.30; 4 bu., \$2.80.

SWEDISH SELECT. Our strain of these oats, which were grown on contract for us, is from northern Alberta, in Canada, and the seed planted was the finest lot of oats we have ever seen. The Swedish Select are the most popular oat in the Northwest and we feel that we are offering the very best strain. Lb., 20c, postpaid. By express or freight, 10 lbs., 25c; ½-bu., 35c; bu., 65c; 100 lbs., \$2.00; 4 bu., \$2.50.

SIXTY DAY OR KHERSON. This is the earliest oat grown and ripens before wild oats under usual conditions. It is especially recommended by agricultural authorities for the drier sections and has given unusually good results in western North Dakota and eastern Montana. Kernels small, hull very thin and yellowish white in color, of excellent feeding qualities and a good yielder for so early an oat. Lb., 20c, postpaid. By express or freight, 10 lbs., 25c; ½-bu., 40c; bu., 75c; 100 lbs., \$2.30; 4 bu., \$2.80.

VICTORY OATS. This is an oat recently sold over the Northwest and which has given very good results. It is medium early, plump and a heavy yielder. Very much like the best strain of Swedish Select in most particulars. Lb., 20c, postpaid. By express or freight, 10 lbs., 25c; ½-bu., 40c; bu., 75c; 100 lbs., \$2.30; 4 bu., \$2.70.

WHITE RUSSIAN. This is generally recognized as the best and heaviest yielding of the late oats. It produces well on heavy and well watered soils, elsewhere we do not recommend it. Has been very successful on the Missouri river bottoms. Under good conditions it is probably the very heaviest yielding oat there is. Owing to its lateness, however, it is especially hard to keep free from wild oats, and we cannot guarantee the seed to be absolutely free from that pest, though we clean it very carefully. Lb., postpaid, 25c. By express or freight, 10 lbs., 25c; ½-bu., 40c; bu., 75c; 100 lbs., \$2.25; 4 bu., \$2.85.



Early Mountain No. 2



White Russian

CLEAN, TESTED SEED PAYS BIG DIVIDENDS.

Pioneer Brand Seed Wheat

Prices Include Sacks

Prices Subject to Change. Write for Our Figures on Large Lots.
Sow one to one and one-half bushels per acre.

The past year has added to the evidence that the Northwest can prosper only by diversified farming and stock raising, and that dependence upon wheat as a main crop means failure for Northwestern farmers. At the same time wheat will be always one of our principal crops and it is reasonably sure if put in properly under diversified conditions, and when the varieties suited to the section are sown.

The wheats raised in the Northwest are of the hard spring and Durum types. The durumms are the surest and heaviest yielders under all tests but are subject to considerable reduction in price below that offered for the hard spring sorts. It is up to each farmer to determine for himself whether the durum or hard spring is the most profitable in his particular case.

HARD SPRING TYPE

Under this head we are listing only the old stand-by, Marquis. After a good deal of investigation and consultation with well posted authorities we find that the new varieties from Canada are in no way superior to the Marquis for our climate, and are in several ways inferior. We are therefore not listing any of them.



Marquis Field



D1 Resistant

MARQUIS SPRING WHEAT. Except for the durumms this seems to be the most generally satisfactory spring wheat for the Northwest. Early, productive and of the very best quality, it always brings the top price. Our seed is recently from pedigreed Canadian stock which means that it is pure. **Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.25; bu., \$2.00.** Ask for prices on large lots.

DURUMS

THE NEW RUST RESISTANT AMBER DURUM. D1 or Monad wheat is perhaps the most valuable wheat introduction of recent years; while almost perfectly rust resistant it is also of the very best quality, grading No. 1 Amber. It is as well reasonably drouth resistant. We consider ourselves fortunate in having secured a good supply of the D1 which is commanding very fancy prices. We offer it as follows: **1 lb., postpaid, 30c. By express or freight, 10 lbs., 75c; ½-bu., \$1.25; bu., \$1.80.**

ALGERIAN OR BLACK BEARDED DURUM. This is the very large kernel variety and we believe that our seed is the genuine Pelissier strain. It has proven perhaps the most drouth resistant of any variety, and in the higher altitudes as in Montana, Wyoming and Colorado it has outyielded all other sorts. In marketing it grades as amber durum and often commands a premium as it is unusually handsome in appearance. **Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.00 bu., \$1.75.**

KUBANKA DURUM. This is the most rust resistant and productive of the ordinary types of durum wheat, produces grain of first quality amber durum and is very extensively grown wherever the durumms are used. Our seed is of the genuine, pure Kubanka variety. **Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; bu., \$1.75.**

D5 RUST RESISTANT. Once again the D5 has shown its practical immunity from rust. In spite of its somewhat lower price owing to inferior baking quality, it has made as much money for its growers as any wheat that was raised this past year both on account of rust and drouth resistance. **Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., 30c; bu., \$1.50.**

ASK FOR PRICES ON LARGE LOTS.



Speltz

Speltz or Emmer

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.

SEED SPELTZ. Speltz needs little praise as it is too well known to all our customers. The great drouth crop, it is as well the most widely valuable of any grain we have. Excellent alike for horses, cattle, hogs or poultry, it is certainly a general purpose grain. Speltz as well as being so universally valuable is one of our surest drouth resistant crops and in conjunction with corn will insure feed in the worst years. Good seed speltz is scarce. Per lb., 25c, postpaid. By express or freight, 10 lbs., 30c; bu., 80c; 100 lbs., \$1.80; 10 bu. lots @ 70c. Write for prices on larger quantities.

Pioneer Brand Seed Rye

Sow 1 to $1\frac{1}{2}$ bushels per acre.

NORTH DAKOTA GROWN SPRING SEED RYE.

Spring rye is one of our most valuable crops, and is available

for a number of uses. On light, poor soil it is the only small grain crop that will produce profitably. Sown late in the season it makes an excellent hay crop, and it may also be sown and used as hog or sheep pasture with very good success. Lb., 20c, postpaid. By express or freight, 10 lbs., 40c; $\frac{1}{2}$ -bu., \$1.00; bu., \$1.60; 100 lbs., \$2.75. Ask for prices on large lots.

Winter Rye

We wish to call to your attention here our fall list which we issue shortly before the first of August. In this we list with descriptions the winter seed wheat, and Rosen and other winter rye that we have to offer. Do not forget to send for it next summer.

Pioneer Brand Field Peas

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.

Peas may be grown successfully on a variety of soils, but clay loam and soil well supplied with lime are best, peas also require a fairly moist soil. Even a heavy clay soil will raise good peas.

EARLY CANADA FIELD PEAS. Field peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or spring rye. Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; $\frac{1}{2}$ -bu., \$2.60; bu., \$4.75; 100 lbs., \$7.75.

WHITE MARROWFAT PEAS. Not only a heavy yielding field pea but a good green pea and much used for canning. Shorter than Early Canada, averaging about $3\frac{1}{2}$ ft. high, and somewhat later, it is a heavy yielder of ripe peas and the quality of them is better. It will stand more hardship in the way of drouth, etc., than other sorts. One lb., 25c, postpaid; 10 lbs., 90c; $\frac{1}{2}$ -bu., \$2.75; bu., \$5.00; 100 lbs., \$8.00.

Remember—Our Prices Include Sacks.



Spring Seed Rye

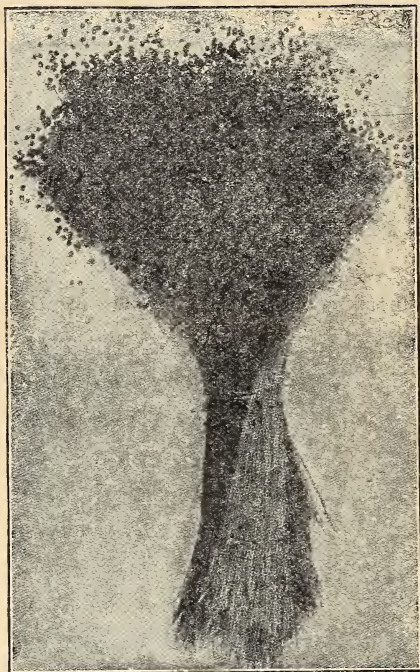
Last season I sowed a small patch of your black bearded durum wheat and it took the premium at two fairs, above irrigated wheat, while it was raised on dry land.

H. Chalfant, Jayem, Wyo.

Pioneer Brand Seed Flax

Prices Include Sacks.

Flax prices are subject to change, both up and down. If you wish a quantity, write for prices.



Wilt Resistant Flax

late crop, and as a smothering crop for an excellent poultry food, a fact that is **Lb., 20c, postpaid. By express or freight,**

JAPANESE. The Japanese buckwheat is the largest seeded variety grown, as well as the hardiest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. We therefore consider it well suited to our climate even though the yield under the best conditions may fall a little short of the later sorts. **Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00.**

You should have seen my garden last year as it was sure a beauty. I am well pleased with your seeds. They are dandy growers and not too high in price. Thank you for past services.

John E. Knie
Cresbard, S. D. R. No. 1
R. No. 1 Caldwell, Idaho.

I was a gardener 10 years in Montana and after having bought seed from Oscar H. Will's Seed Co. have used no other. It is the best I can buy.

Sincerely
W. C. Rawn

Sow $\frac{1}{4}$ to $\frac{1}{2}$ bushel per acre.

WILT RESISTANT SEED FLAX. There are several varieties of resistant flax which seem about equally valuable and which are equally popular. The best are N. D. No. 52, N. D. No. 73, N. D. No. 114 and Premost or Minn. No. 25. We expect to be able to furnish at least one of these varieties and perhaps all of them during the coming season. In ordering state whether you will take any one of the three or want only the special kind ordered. 1 lb., postpaid, 30c. By express or freight, 10 lbs., 75c; bu., \$2.50. Write for prices on large lots.

CHOICE CLEAN SEED FLAX. While we do not like to give up time and space for handling the common flax, yet the demand has been so urgent that we have planned once more to carry a limited supply of good quality seed. Samples sent on request and prices quoted. Present prices: 10 lbs., 50c; bu., \$2.20. Write for prices on large lots.

PIONEER BRAND BUCKWHEAT

Sow $\frac{1}{2}$ to 1 bushel per acre.

Buckwheat is becoming more popular every year in the Northwest. May be sown as late as July first and mature a crop; does well on light soils, an excellent crop to smother weeds, and always a marketable grain.

SILVER HULL. This is the later heavier yielding variety which is common in the east, and which is used so extensively there as a land badly infested with weeds. Buckwheat too little appreciated by most poultry raisers. **10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00.**



Silver Hull Buckwheat

Grass Clover, Alfalfa and Forage Plants



All Prices Subject to Change Without Notice. Prices Include Sacks.

The question of forage and pasture plants for the Northwest becomes more urgent every year, and the demand for seed of suitable plants increases. Fortunately there is gradually developing a list of hardy sorts and hardy strains of the tender sorts of plants which will succeed in the region. We have followed this subject carefully and strive to offer only items of tested value and hardness. We are always glad to answer questions on the subject of especial adaptability of certain varieties, and to recommend formulas for special pasture mixtures to suit special conditions. We handle only first quality seeds for we feel that this is what our customers want even at a little higher price, and we strive to make our prices just as low as possible. Do not go too heavy on any item without first trying it out or having seen it tried out in your neighborhood.

Will's Pioneer Brand Grass Seed

Brome Grass—The Great Pasture Grass for the Northwest.

BROME GRASS, Austrian or Russian, *Bromus inermis*. Brome Grass which has come to be the most important tame grass for Northwestern conditions, is once more fairly plentiful and consequently much cheaper. It is an exceedingly valuable pasture grass especially for early spring and late fall, but produces only a rather poor quality of hay. For hardness and general resistance to severe conditions it is unequalled. Is a good producer of turf and valuable on sandy soils as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed is not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge therefore, that you buy brome grass seed from reputable seedmen within the state, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater per centum than any other we have ever tested. The seed we offer is thoroughly matured and dry. Sow 7 to 15 lbs. per acre. Lb., 35c, postpaid. By express or freight, 1 lb., 25c; 15 lbs., \$2.25; 100 lbs., \$12.00.



State Inspector Going Over Field of Brome Grass

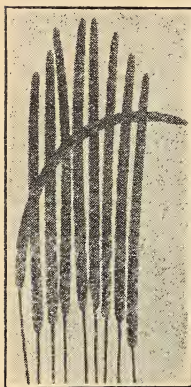
Western Rye or Slender Wheat

The Very Best Hay Grass for Our Section.

WESTERN RYE OR SLENDER WHEAT GRASS. This grass is a native of the Northwest, exceptionally hardy and drought resistant and is fast gaining in well deserved popularity. As a pasture grass it is not the equal of Brome Grass, but Brome Grass hay is almost valueless, while Western Rye Grass hay is excellent. This grass is a heavy grower on good soils and even thrives on quite strong alkali land. Sow 7 to 15 pounds per acre. Lb., 30c, postpaid. By express or freight, 1 lb., 20c; 15 lbs., \$2.00; 50 lbs., \$5.50; 100 lbs., \$10.00.

KENTUCKY BLUE GRASS. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasture. It will stand considerable hardship, but should not be sown on high rolling prairie land in the Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the fall. Sow 20 pounds per acre. 1 lb., 65c, postpaid. By express or freight, 1 lb., 55c; 10 lbs., \$5.25; 100 lbs., \$50.00.

JAMES R. Sherard, Gillette, Wyo. Dear Sir—As I have been using your garden seed also Sudan Grass will say that we are very well satisfied with your way of doing business also your seeds have done as well as they possibly could under the circumstance of bad seasons and one nearly complete drouth.



Timothy

PIONEER BRAND TIMOTHY SEED. We offer only North Dakota grown timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is a hardy grass so far as standing the winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it, elsewhere we do not recommend it for the Northwest. 1 lb., 25c, postpaid. By express or freight, 1 lb., 20c; 10 lbs., \$1.25; bu., of 45 lbs., \$4.00; 100 lbs., \$8.00.

RED TOP OR HERD'S GRASS. Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. 1 lb., 40c, postpaid. By express or freight, 1 lb., 35c; 10 lbs., \$2.75; 100 lbs., \$25.00.

MEADOW FESCUE OR ENGLISH BLUE GRASS. This grass, while not as valuable as Bromus and Western Rye, is one of the hardiest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed purposes. This grass roots deeply and, therefore, withstands drought and heat exceptionally well. It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. 1 lb., 50c, postpaid. By express or freight, 1 lb., 40c; 15 lbs., \$4.50; 100 lbs., \$25.00.

ALFALFA AND CLOVER SEED FOR THE NORTHWEST

We have this season secured a good supply of North Dakota grown alfalfa and sweet clover seed, and we are offering only medium red clover grown in the state as well. The cheapest clover and alfalfa is dearest in the end and we make it a policy to handle only the better grades.

We have an Ames Scarifying machine in our warehouse, through which we run our alfalfa and clover seed. This adds to our expense in handling the seed, but increases the germination by from ten to thirty, or even forty per cent in some cases.

With the exception of postpaid prices on small lots we do not guarantee prices here quoted for any length of time, as they are subject to change without notice. Therefore, unless your order states plainly not to ship except at list prices we will execute the order at the best possible price, whether higher or lower—if higher, we will send value of remittance. If lower, will send your money's worth.

INOCULANTS FOR ALL LEGUMES

(Alfalfa, Sweet Clover, Clover, Beans, Peas)

Do not plant clover or alfalfa without inoculating your soil with the nitrogen producing bacteria which make the plants thrive and cause them to enrich the soil. These Inoculants are superior to any other commercial cultures on the market today. The cardinal points of vantage are:

First: The medium used, instead of a tube of jelly, is fine, granular soil organic matter. This means the bacteria are in their native habitat.

Second: Instead of one type of culture for every different plant, all the different strains of bacteria are combined in one package. Only one culture to inoculate your soil for all legumes. Remember that these are the only inoculants which contain the mixed bacteria for all varieties of legumes from garden peas to alfalfa.

ALPHANO INOCULANT. Comes in tin containers and in only two sizes. It does not dry out and the ready access of air so favors their development that this culture is guaranteed for two years. Most others are good for only six months. 1 acre size, \$1.25, postpaid. By express or freight, 1 acre size, \$1.00; 10 acre size, \$8.00.

NATURE'S WAY INOCULANT. Made by the Stow Co. of Montana. Comes in cloth sacks and dries out somewhat more quickly. 1 acre size, 40c, postpaid. By express or freight, 1 acre size, 30c; 2 acre size, 55c; 5 acre size, \$1.25; 10 acre size, \$2.25.

INOCULATE ALL CLOVER AND ALFALFA



Nodules Caused by Inoculating Bacteria

PIONEER BRAND ALFALFA SEED

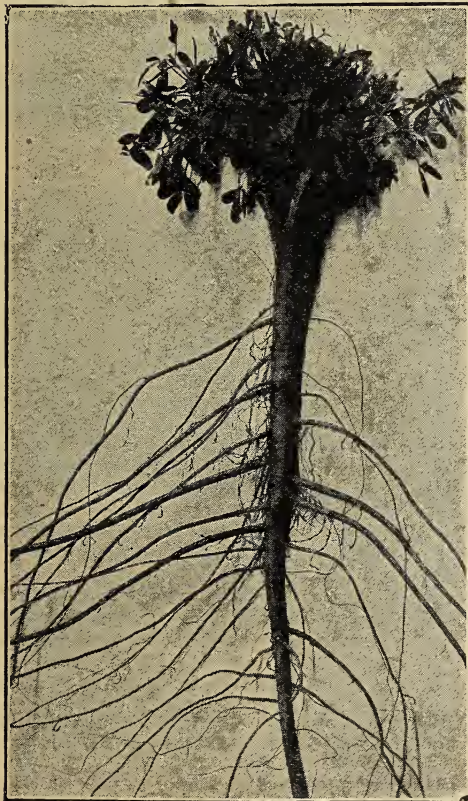
Alfalfa Prices Subject to Change Without Notice.
Sow 4 to 7 pounds per acre.



We are glad to say that alfalfa seed together with nearly everything else is much more reasonable in price this year. We have a good supply of the hardy strains which are the only ones we handle.

And now a word with regard to these hardiest strains; we have tried out the Grimm, Cossack, Liscomb and Montana and North Dakota common seed. All of these seem to be fairly hardy, the three first ones showing much the hardiest. We are, however, entirely unable to find any point in which the Cossack is superior to the North Dakota Grimm. Remember that all of these really hardy strains have the variegated blossoms, and branching roots with low, wide crown.

"Alfalfa has the power, through the aid of certain forms of bacteria, to take up free nitrogen from the air. Hence an alfalfa crop leaves the soil richer in nitrogen when it is plowed up than when it was seeded. At the usual commercial value of nitrogen the free nitrogen of the air above one-quarter section of land would be worth a billion dollars. Every farmer has it within his power to draw upon this bank account without giving a mortgage in return."—Washington Extension Department Bulletin, Series 1, No. 1.



Grimm Alfalfa Plant

NORTH DAKOTA GRIMM ALFALFA. Grimm alfalfa needs no description to Northwestern farmers. We have a big stock of North Dakota grown seed, which means the very hardiest strain that can be secured. The seed is plump, of fine color and high germination, and free from impurities. For the most severe conditions Grimm cannot be surpassed. **Lb., 60c, postpaid. By express or freight, 1 lb., 50c; 10 lbs., \$4.50; 100 lbs., \$40.00.**

HARDY LISCOMB ALFALFA. This is one of the extra hardy variegated blossom sorts which has proven exceedingly hardy and drought resistant in the drier sections of Montana. It has also given excellent results in our section. **Lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.50; 100 lbs., \$30.00.**

NORTH DAKOTA ALFALFA. We wish to call especial attention this year to our North Dakota grown, scarified alfalfa seed. While not of a pedigree strain this seed comes from the western part of the state where the fields from which it was raised have been subjected to the most severe weather conditions for a period of five or more years. **1 lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.00; 100 lbs., \$25.00.**

MONTANA ALFALFA. Under this head we classify non-irrigated or "dry land" alfalfa seed of high quality either from Eastern Montana or Northwestern South Dakota where the climate is fully as severe. **1 lb., 50c, postpaid. By express or freight, 1 lb., 35c; 10 lbs., \$3.00; 100 lbs., \$22.00.**

TURKESTAN ALFALFA. This is a hardy variety imported from Russia. **Price: per 100 lbs., \$20.00.**

COSSACK ALFALFA. While we do not consider that the price of this variety is justified by any superiority over the Grimm we are listing it in response to a demand from some sections. **1 lb., \$1.25, postpaid.**

By express or freight, \$1.00 per lb. Write for prices on quantity lots.

NOTE—We have a few hundred pounds of second grade Grimm alfalfa, it contains some pigeon grass, Russian thistle and shrunken seed, but germinates well. Sample on request. We offer this at 20c per lb., by express or freight.

Pioneer Brand Clover Seed

In event prices change we shall send value unless otherwise instructed.

Sow 6 to 10 pounds per acre. Prices Include Sacks.

ALSIKE OR SWEDISH CLOVER. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 40c, postpaid. By express or freight, 1 lb., 30c; 10 lbs., \$2.50; 100 lbs., \$24.00.

Note—We have on hand a mixture of timothy and alsike which we offer at \$12.00 per 100 lbs. Sample on request.

WILL'S NORTH DAKOTA GROWN MEDIUM RED CLOVER. While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Can be cut twice in a season for hay, and in meanwhile adds to the fertility of the soil. Be sure and get our extra hardy and vigorous North Dakota grown seed. 1 lb., 45c, postpaid. By express or freight, 10 lbs., \$2.75; 100 lbs., \$25.00.

Note—We have also a quantity of mixed timothy and red clover seed. Sample on request. \$13.00 per 100 lbs.

MAMMOTH RED CLOVER. This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota grown seed. 1 lb., 45c, postpaid. By express or freight, 10 lbs., \$2.75; 100 lbs., \$25.00.

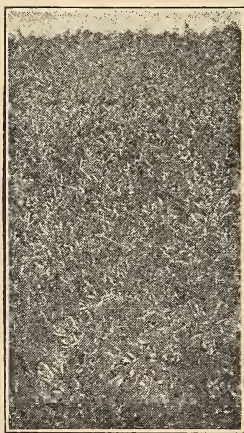
WHITE DUTCH OR LAWN CLOVER. White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$3.00; 10 lbs., \$5.50.



Alsike Clover

Sweet Clover

Ordinary Sweet Clover is a biennial or two-year plant, and if you wish it to last longer, it must be allowed to scatter some seed the second year. The growth of the second year will usually furnish either two good crops of hay or quantities of good early pasture and a crop of seed. Sweet clover is the ideal rotation crop for our Northwestern conditions and will surely come to take the place with us of red clover further east. Best results are usually obtained by seeding alone although this is a bit wasteful of land; it does fairly well if sown with a nurse crop of barley, wheat, rye, or oats, and will often catch if disced in on old pasture especially if the soil is a bit loose. Sow 10 lbs. per acre.



White Sweet Clover

SWEET CLOVER, White Blossom. This is the hardest clover known. Thrives in sand, gumbo and alkali, under very dry or very wet conditions. Will make an excellent pasture for either hogs or cattle. Prepares the soil for alfalfa. Gives early spring and late fall pasture and is safer than alfalfa for cattle. Is not as good as the yellow for hay, but better for pasture. Cut early and high for hay. 1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.50; 100 lbs., \$13.00.

SWEET CLOVER, Yellow Blossom. This is a finer foliaged, lower growing variety than the white blossom and makes better hay. It may be cut close to the ground while the white cannot. 1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.50; 100 lbs., \$14.00.

HUBAM OR ANNUAL WHITE SWEET CLOVER. This is the variety about which so much has been written and said in the past year or two. We gave it a try-out on our own land the past season, and found it to be just as described. It attained a growth of from five to six feet and made a good crop of seed. Price: \$1.50 per lb., postpaid. By express or freight, 1 lb., \$1.25; in larger lots, \$1.00 per lb.

Will's Pioneer Brand Millet Seed

Millet prices include sacks, and are subject to market changes without notice. Write for prices on large lots. Sow 15 to 30 pounds per acre. In case of price advances or reductions, value will be sent.

SIBERIAN MILLET. This variety is the most planted of the extra hardy sorts. It is more drouth resistant than the German and produces a finer quality of hay, although it is slightly out-yielded by the German under favorable conditions. It does not degenerate from being planted in the north as does the German, and therefore northern grown seed is fully the equal of the southern. The seed is mostly red with some lighter mixture. We have both northern and southern grown stocks. Lb., 20c, postpaid. By express or freight, 10 lbs., 50c; 100 lbs., \$2.50.

WHITE WONDER MILLET. Our trial of this new Millet the past three seasons has shown a wonderful growth. The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very rapidly. We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the Millets. 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.25.

SOUTHERN GROWN GERMAN OR GOLDEN MILLET. German Millet is a hot climate plant and grows to greatest perfection pretty well south. What we want in the northwest is a stock of the southern product grown in southern Nebraska, southern Iowa, northern Kansas, northern Missouri, Illinois or Indiana. If the seed is grown farther south than these localities the growth

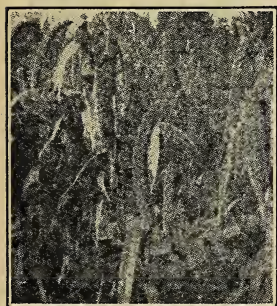


Siberian Millet

will be rank and coarse like small corn stalks, and will not come near enough to maturity before killing frost to head out or contain anything but water and very little dry matter. When seed from the proper section is planted it is a wonderful producer of excellent hay. Our stock is grown in the right locality. By express or freight, 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.50; 100 lbs., \$2.75.

HUNGARIAN MILLET. This is one of the very best and most productive varieties for northern growers. It is so valuable for hay that little has been saved for seed in the past few years. We have a good supply this season. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 25 lbs., \$2.00; 50 lbs., \$2.50; 100 lbs., \$4.00.

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil



White Wonder Millet

where it will usually produce two cuttings or a great amount of pasture. Is better for horses than the ordinary sorts. Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$6.00.

PROSO TYPE MILLETS

BROOM CORN OR HOG MILLET. This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drouth resister. Color whitish yellow. Postpaid, lb., 20c; by express or freight, 10 lbs., 50c; 50 lbs., \$1.50; 100 lbs., \$2.50.

EARLY FORTUNE MILLET. The same as the Broom Corn Millet, except that the seed is red instead of yellow. By express or freight, 10 lbs., 60c; 50 lbs., \$1.60; 100 lbs., \$2.75.



Broom Corn or Hog

Sorghums

Prices Include Sacks. Write for Special Prices on Large Lots.

The Sorghums are coming more and more to occupy an important place in the agriculture of the Northwest as diversified farming increases. Being extremely drouth resistant as well as very heavy yielders they are among the very best feed crops for the whole section, and no better feed for dairy cows or beef stock can be grown.



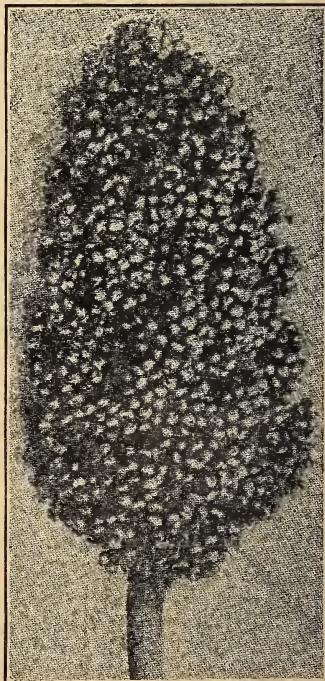
Sudan Grass

This wonderful forage crop hardly requires much description. It is an annual crop which should be sown soon after June first and which will produce from two to three cuttings of hay and a quantity of pasture in the driest of years, providing there is enough rain to make it come up. Equally valuable for cattle and horses, it has none of the ill effects of millet and produces much more of a crop. If planted too early it becomes stunted and dwarfed; this agrees with reports from the Alberta Experiment Station. On poor, or dry soil sow in drills like fodder corn and cultivate, elsewhere it may be drilled in or broadcasted as you would sow millet only rather thinner. 4 to 6 lbs. is sufficient per acre by the first method; when sown thicker use 16 to 24 lbs. **Lbs., 25c, postpaid. By express or freight, 5 lbs., 75c; 10 lbs., \$1.00; 100 lbs., \$6.00.**

FETERITA. This is a sorghum of recent introduction and is the most drought resistant forage plant we have. It belongs to the non-saccharine type of the sorghums and is related closely to Kaffir Corn, but is fully three weeks earlier. Drought cannot kill it, as it only suspends growth until moisture comes again. It may be cut for hay, pastured, or cut for grain, and it is early enough to often mature grain even in the Northwest. The grain has a high food value for both man and beast. The fodder is excellent, either green or cured, and it is very good silage. **1 lb., 20c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.**

EARLY AMBER CANE. This is the earliest maturing variety of Cane and the one usually raised in the North, both for fodder and syrup. Ripens in 90 to 100 days. Cane may be broadcasted, or planted in drills 3 feet apart and cultivated. In the first case sow about 50 pounds per acre; in the row method, sow 6 to 10 pounds per acre. Cane is a heavy producer of valuable feed, a good silo filler, and very drought resistant. **Lb., 20c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.**

DAKOTA AMBER CANE. This is seed of the amber variety which has been raised in one of the Dakotas or Minnesota, and which is perhaps a trifle earlier than the southern grown, and not quite so tall. **1 lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.**



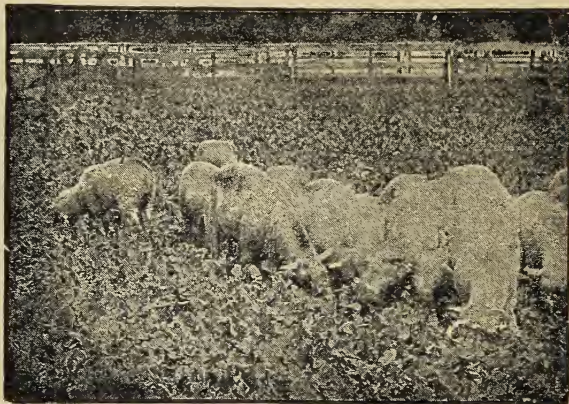
Feterita Head

Sunflower Seed

The sunflower has again made good as a silage crop during the past season, standing the drouth very well in comparison with corn and making an excellent yield where conditions were favorable. We do not believe that it is quite the equal of corn when the dry weather comes in August. Sunflower has yielded as high as 12 tons per acre in Western North Dakota, and has proven a very high grade feed for stock. Is not injured by light frosts and should be planted early for best results. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.50; 100 lbs., \$7.00.**

Rape

DWARF ESSEX RAPE. This plant, which is related to the rutabaga family is one of the very best forage plants for pasturing cattle, hogs, or sheep, as well as for silo filling. Thrives best in low moist soil such as a slough, lake bed or a coulee bottom. In such places it will produce a tremendous quantity of feed, growing out as fast as it is eaten off. We are glad to report that the price has dropped considerably. Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.50; 50 lbs., \$6.00; 100 lbs., \$10.00.



Dwarf Essex Rape Sheep Pasture
By express or freight, 10 lbs., \$2.00; 100 lbs., \$18.00.

Vetch

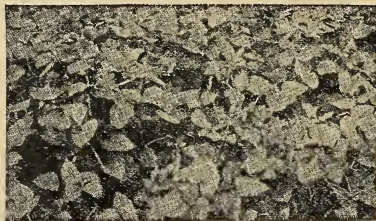
VETCH, Sand, Hairy or Winter. May be sown in the fall or spring for hay or pasture. Does not stand our winter well at all times. Sow with winter rye, or with oats in spring, at the rate of 30 pounds per acre. If used alone sow 60 pounds per acre. 1 lb., 25c, postpaid. By express or freight, 10 lbs., \$2.00; 100 lbs., \$18.00.

Cow Peas

WHIP-POOR-WILL. This is a soil enriching legume about which too little is known in the Northwest. The Whip-Poor-Will is an early variety maturing in about 90 days. Cow Peas, ripe, are valuable either as human food or food for stock. The vines make the finest kind of hay green, and are eaten by stock dry; are an excellent silo filler, and may be pastured by hogs or cattle. Do not plant until the ground is warm. For pasture, hay or soiling, broadcast or drill with a grain drill at the rate of one bushel per acre. For seed sow in rows 36 inches apart and cultivate. 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.25; 50 lbs., \$5.00; 100 lbs., \$8.00.

Soy Beans

EXTRA EARLY. Soy beans are coming to play an important part in dairy and stock farming. They are very drouth resistant, especially adapted to light and sandy soils, and equal in feeding value to alfalfa. They are soil enriching if soil is inoculated. Are excellent for silage or hay and can be grown anywhere that corn will grow if the early sorts are used. Price: 1 lb., 20c, postpaid. By express or freight, 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.00; 100 lbs., \$9.00.



Soy Beans

Peanuts

SPANISH. Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; 1-lb., 15c; 1-lb., 25c; 1 lb., 35c, postpaid. By express, 1 lb., 30c; 5 lbs., \$1.10.

MAMMOTH VIRGINIA. The most prolific variety to grow, and more desirable than the common spreading kind, because more easily cultivated. It has very erect stems and upright foliage, and the largest pods and kernels of any variety. Sow in drills four feet apart, placing the nuts six inches apart. Pkt., 10c; 1-lb., 15c; 1-lb., 25c; 1 lb., 40c, postpaid. By express or freight, 1 lb., 35c; 5 lbs., \$1.50.

Green House Department

Pioneer Green Houses

IMPORTANT NOTICE: All plants and flowers are shipped by express at the purchaser's expense unless otherwise distinctly stated. We pack all shipments carefully, but our responsibility for them ends on delivery to the Express Co. in good condition.

We do not recommend parcel post shipments of flowers or plants and will not be responsible for them if sent that way, but if customers request shipments by mail we will pack and deliver to the post-office in good order. Flower and plant shipments by parcel post cannot be insured.

Blooming plants and ferns shipped during the winter or Easter season will go forward in pots. Late spring shipments will be regarded as intended for bedding purposes, and with the exception of Boston and Harrisonii ferns, all plants growing in pots of under six inches in diameter will be shipped out of pots.



DAFFODILS. These are listed in our Fall Catalog, which shows a splendid assortment of Winter Flowering Bulbs and Plants. Issued August First each year. Send for it.

"Say it with Flowers"

The most appropriate gift or remembrance for any occasion. Our greenhouses are at your service at all times. We always have a good selection of Cut Flowers in season at reasonable prices while any of the Blooming Plants and Ferns listed below will prove a very satisfactory gift. Our designer is an expert and his creations for funerals, weddings, etc., are sure to please.

We can make immediate deliveries to the following institutions: Bismarck Hospital, Bismarck, N. D., St. Alexius Hospital, Bismarck, N. D., Mandan Hospital, Mandan, N. D. Drop us a card if you wish us to send you the special lists of flower prices we issue at Christmas, Easter, Mother's Day, and Memorial Day.

We are members of the Florists' Telegraph Delivery Association. Flowers delivered anywhere in the United States or Canada. A telegram does it. We send the telegram to one of our associated florists nearest to where you wish the flowers sent, and your offering is delivered the very same day. Wire, write or phone us and we will arrange the whole thing for you in a jiffy. No extra charge but the cost of the telegram. (No orders filled by wire for less than \$3.00).

HOUSE PLANTS

BEGONIAS. The favorite everblooming sorts. Excellent for house growing and are also widely used for bedding purposes. The Rex Begonia is grown for the beauty of its foliage, the blossoms being small.



Rex Begonia

pure white and often five inches across. The beauty of the foliage with the splendor of the flowers presents a striking appearance. In 4-inch pots, 75c. Largest size dry bulbs of this lily, 30c each, postpaid.

CHATELAIN. Exquisite pale pink flowers. Strong plants, 40c each. Larger ones at 75c each.

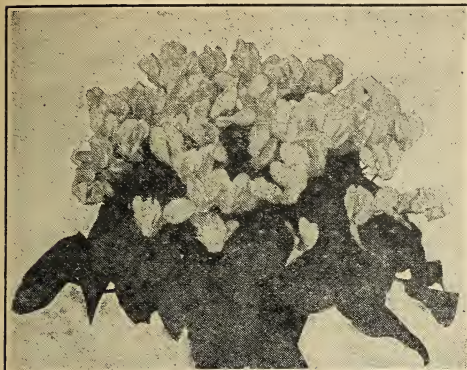
GRACILIS LUMINOSA. Foliage a lustrous reddish brown, the flowers are a fiery dark scarlet. Strong plants 40c each. Larger size at 75c each.

MRS. PATTEN. A newer sort, with rose pink flowers above the rich green foliage. 75c each.

PRIMA DONNA. A showy pink in color and a very satisfactory sort. 40c each.

REX ((Painted Leaf)). A specialty of ours. Fine plants with wonderful colorings. 75c each.

CALLA LILY. Of marvelous beauty, the flowers are rich, The beauty of the foliage with the splendor of the flowers presents a striking appearance. In 4-inch pots, 75c. Largest size dry bulbs of this lily, 30c each, postpaid.



Cyclamen in Full Bloom

DRACAENA INDIVISA. As a center plant for porch boxes, hanging baskets and plant vases the Dracaena cannot be surpassed. Long narrow green foliage of the yucca type. Strong plants 50c each.

FERNS

The Ferns we list are varieties which are especially adapted for growing in the home. We have a large stock of thrifty, well grown plants in good condition. These can be shipped at any time of the year.

BOSTON—(Sword Fern). The largest seller of all ornamental plants because it is the most satisfactory. Fine values at the following prices. 4-inch, 75c; 5-inch, \$1.25; 7-inch, \$2.00; 9-inch, \$3.00. Specimen plants at \$5.00 to \$10.00.

HARRISONIA. A handsome crested type of fern, more compact than the Boston. Excellent as a house plant or for gifts. Same sizes and prices as the Boston.

ASPARAGUS PLUMOSUS. Bushy plants with lacelike foliage and drooping fronds. It thrives in the ordinary living room temperature. Fine for jardinieres and as center plants in groups. 3-inch, 40c; 4-inch, 75c.

ASPARAGUS SPRENGERI. Largely used for hanging baskets, window boxes and vases and is the best fern for outdoor planting. Its long sprays of feathery foliage are very attractive. 3-inch, 40c; 4-inch, 75c.

FUCHSIA. One of the best house plants. Glossy dark green leaves and beautiful pendant blooms of pink with white, pink or blue centers. 60c each.

HELIOTOPE. Universal favorites and always in demand because of their exquisite fragrance and delicate coloring. Equally useful for bedding or pot plants. 35c each; \$3.50 per dozen.

LANTANA—(Weeping). A favorite for hanging baskets and similar uses. Velvety green foliage with clusters of lavender pink flowers. 35c each; \$3.50 per dozen.

PELARGONIUM—Easter Greeting. An improved Pansy or Martha Washington Geranium. Large red flowers, each petal blotched with black. 75c each.

PRIMROSE — Obconica. The everblooming Primrose that is so popular. Colors white, pink, and lavender. \$1.00 each.

FILLED HANGING BASKETS. Moss lined baskets containing Ferns, Geraniums, Vines, etc. A special value in plants. \$2.00 to \$5.00 each. Empty basket frames, 65c each, postpaid.

CHRYSANthemum. The finest flower in its season. We wish to call especial attention to these, as we take great pains with them. We have both the standard "Mums" and the Pompon types in yellow, white and pink. Season October 1 to December 1. Prices: \$1.00, \$1.50, \$2.00.

CINERARIA. We deliver more Cinerarias to the hospitals than any other plant. Very showy and a plant that keeps well. Makes an excellent gift plant. Pink, white, red, blue and the two-color shades. Season Oct. 15 to April 15. Prices: \$1.00, \$1.50, \$2.00.

CYCLAMEN. A great favorite and one that holds its blooms. Fine for growing in the home. The popular Christmas flower. Pink, white, salmon and Xmas red. Season December 1 to March 15. Prices: \$1.25, \$2.00, \$3.00.



Obconica Primrose

Bedding Plants

ANTIRRHINUM—(Snapdragon). Valuable for beds, borders, and for cut flowers. Large spikes of lovely flowers borne continuously. We offer them in silver pink, white, and yellow. 20c each; \$2.00 per dozen. Postpaid, 25c each.

ASTERS. We buy the best Aster seed obtainable and offer only the finest and newest sorts. Strong transplants in white, pink, lavender, and purple. 50c per dozen. Postpaid, 60c per dozen.

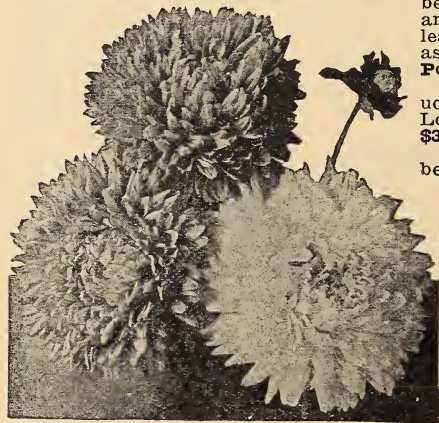
COLEUS. A foliage plant, the Coleus is widely used for distinctive arrangements in beds and borders. We grow them in red, yellow, and variegated. Also the Trailing Queen, a small leaved variegated sort used for baskets, etc., as well as bedding. Fine plants, 20c each; \$2.00 per dozen. Postpaid, 25c each; \$2.50 per dozen.

MARGUERITE DAISY—Single white. A continuous bloomer adapted for beds and for cut flowers. Long stemmed flowers which keep well. 35c each; \$3.50 per dozen. Postpaid, 45c each.

FEVERFEW. A vigorous, strong growing plant bearing clusters of snow-white flowers. It produces a succession of bloom and is unexcelled for bedding or cemetery use. 20c each; \$2.00 per dozen. Postpaid, 25c each; \$2.50 per dozen.

Geraniums

The most satisfactory plant for bedding and window boxes. Blooms the year round. We offer the best sun-proof varieties in the popular colors. For large beds we recommend plantings of one solid color to obtain the best effects. Note the reduced prices. 3-inch, 25c each; \$2.50 per dozen. Postpaid, 35c each;



Will's Asters Are the Finest Grown

\$3.50 per dozen. 4-inch, 40c each; \$3.50 per dozen. Postpaid, 50c each; \$5.00 per dozen.

MADAME BUCHNER. The standard white variety. Good habit of growth and a free bloomer.

HELEN MITCHELL. A new brilliant scarlet geranium of great merit. A splendid bedder.

S. A. NUTT. This is the best and most widely used bedding geranium grown. Color deep red.

BEAUTE POITEVINE. Lovely salmon pink blooms. A free bloomer and a justly popular sort.

APPLE BLOSSOM. This semi-ivy sort bears a profusion of beautiful light pink blooms. Fine for window boxes.

ROSE SCENTED. The finest of its type.

MADAME SALLEROI. Silver variegated foliage geranium. Much used for bedding and border planting. 25c each; \$2.50 per dozen. 30c each, postpaid.

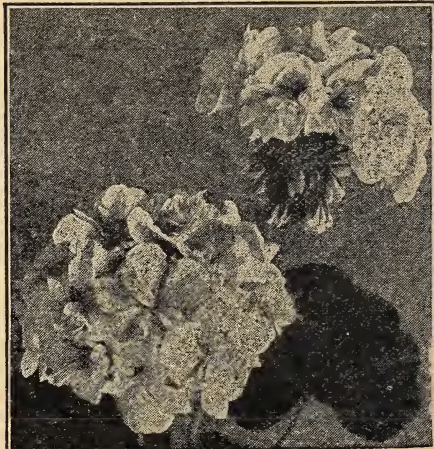
FANSIES. As fine plants as can be grown and from the best seed money can buy. Mixed colors. Large plants of best quality, 50c per dozen. By mail, 65c per dozen.

PETUNIAS—(Giant Single Type). Excellent bedding plants in a wide range of colors, including blue, white, variegated and a frilled pink sort. 20c each; \$2.00 per dozen. Postpaid, 25c each; \$2.50 per dozen.

PETUNIAS—(Double). Very double blooms in white, red and purple mixtures. 35c each; \$3.50 per dozen. Postpaid, 45c each.

SALVIA SPLENDENS—(Scarlet Sage). Erect brilliant scarlet flower spikes above dark green foliage. Blooms late in the summer. 35c each; \$3.50 per dozen. Postpaid, 45c each.

VERBENA. A very effective and easily grown bedding plant. Fine for borders. We have the red, blue and white varieties. 20c each; \$2.00 per dozen. Postpaid, 25c each; \$2.50 dozen.



Geraniums

Vines for Hanging Baskets, Window Boxes, Etc.

ENGLISH IVY. A very showy vine and much used for either indoor or outdoor planting. 25c each; \$2.50 per dozen. Postpaid, 30c each.

GERMAN OR PARLOR IVY. A rapid growing vine with bright green foliage. Very useful for hanging baskets and vases. 25c each; \$2.50 per dozen. Postpaid, 30c each.

MADEIRA VINE. A rapid climber with dark green leaves and fragrant white flowers. Much used in house and window box culture, also for porch screens, etc. Strong plants. 30c each; \$3.00 per dozen. Postpaid, 35c each. Dry bulbs, postpaid for 15c each; \$1.50 per dozen.

TRADESCANTIA—(Wandering Jew). A fast growing vine widely used for hanging baskets, etc. We offer both the green and variegated leaf types. Please specify which you wish. 20c each; \$2.00 per dozen. Postpaid, 25c each.

VINCA—Green. A handsome trailing vine, splendid for window boxes and vase fillings. Glossy green foliage. 30c each; \$3.00 per dozen. Postpaid, 35c each.

VINCA—Variegated. A popular vine, with green and white variegated leaves. 30c each; \$3.00 per dozen. Postpaid, 35c each.

Summer Flowering Bulbs

Complete cultural directions furnished free with each order.

CANNAS

Cannas will produce bloom in greater abundance and of more surpassing beauty than any other plant that is grown and with less cost and care. We list the better varieties with heights from three to six feet, thus making possible some very effective arrangements. Figure the quantity you can use by allowing 18 inches square for each plant. Dormant roots, 20c each; \$2.00 per dozen, postpaid. Greenhouse started plants from 4-inch pots, 40c each; \$4.00 per dozen by express.



Canna Bed with Coleus Border

KING OF THE AUTUMN—(Decorative type). One of the best of all; extra long stems; extra large flowers and very prolific. Flowers are amber colored, tinted with terra-cotta and pink. If you wish an extra fancy Dahlia here it is. Price: \$1.00 each; \$9.00 per dozen, postpaid.

The following varieties, 30c each; 6 for \$1.50; 12 for \$2.50, postpaid. Dormant roots. **ARABELLA** (Ball or Show). Yellow suffused with pink. A superb Dahlia and an early bloomer.

GAZELLE—(Hybrid Cactus). Full solid blooms of Rose Pink. Very prolific and fine for cutting.

JACK ROSE—(Decorative). Still the most popular variety. Flowers the color of the General Jacquemint rose—rich crimson—and blooms for a long time.

PINDAR—(Cactus). Purple Violet color; very striking and beautiful. A novelty of merit.

SNOWBALL—(Ball—Decorative). A pure white Dahlia of excellent form. Free blooming and a most attractive sort.

WM. AGNEW—(Decorative). Large flowers of brilliant scarlet red. Long stemmed and exceptionally good for cutting.

CAPITAL DAHLIA MIXTURE. This mixture includes Dahlias of all types and colors. Made up from a choice collection of named varieties. A treat for Dahlia lovers. Dormant roots, 6 for 90c; 12 for \$1.50, postpaid.

GLADIOLI

Gladioli produce giant spikes of perfect blooms in wonderful colors and great profusion. They are one of the best values in the summer flowering bulbs, being splendid for cut flowers and requiring no special soil or attention. Plantings from April to June will provide flowers until frost. We offer strong bulbs of the most satisfactory varieties.

The following varieties, 15c each; \$1.50 per dozen, postpaid.

ARIZONA. Dark pink with maroon markings. A fine early sort.

BARON HULOT. A rich and unusual gladiolus. Deep violet blue.

EMPRESS OF INDIA. Velvety deep wine red blooms. A showy and very attractive variety.

EUROPE. Snow white. Considered the best clear white Gladiolus. Splendid for cut flowers.

SCHWABEN. Pure canary yellow shading to sulphur. Strong spike and sturdy plant.

WAR. Deep red of brilliant color, extra large blooms. We can recommend this sort very highly.

The following varieties, 10c each; \$1.00 per dozen, postpaid.

AMERICA. The most popular gladiolus in existence. Exquisite soft pale pink tinted lavender.

CHICAGO WHITE. An extra early white sort of great merit. Lavender markings in throat.

HALLEY. Delicate salmon pink with creamy blotch. The earliest gladiolus we have and a great favorite.

MRS. FRANCIS KING. Light scarlet of a pleasing shade. Enormous wide open flowers. Fine for cutting.

MRS. WATT. American Beauty rose color. Large flowers and a superb variety.

PRIMULUS HYBRIDS. A new race of dainty and beautiful gladioli. Every shade in the rainbow with orange and gold predominating. The flowers are hooded and the stems gracefully curved. Very early. 75c per dozen; \$5.50 per 100, postpaid.

PIONEER GLADIOLUS MIXTURE. We strive each year to improve the quality of this very popular Mixture. A wonderful assortment, containing a large percentage of the best varieties and latest novelties. We recommend this as one of the best bulb investments you can make. Price: 60c per dozen; 50 for \$2.25; 100 for \$4.00, postpaid.

KING HUMBERT. 4-5 ft. high. The most popular Canna on the market. Sturdy bronze foliage, immense orchid flowers of brilliant scarlet.

YELLOW KING HUMBERT. 5-6 ft. A remarkable Canna and a very prolific bloomer. Heavy dark green foliage, golden yellow flowers of the orchid type often spotted with vermillion.

WINTER'S COLOSSAL. 5-6 ft. One of the largest flowering of all, producing immense trusses of vivid scarlet bloom. Green foliage.

METEOR. 3-4 ft. Glowing red blooms in great profusion. A vigorous plant with rich green foliage.

WYOMING. 4-5 ft. Large orchid flowers a beautiful shade of orange. Strong bronze foliage, very attractive.

HUNGARIA. 2-3 ft. Very compact plant of luxuriant growth. Large LaFrance-pink blooms with a satin sheen. Green foliage.

DAHLIAS

One of the greatest of outdoor plants and one that is increasing in popularity by leaps and bounds. Make a liberal planting of Dahlias this year; you will be well repaid. We list dormant roots only.



Arizona

Vegetable Plants

Ours are stocky, well rooted plants of the finest early strains suitable for the short growing seasons of the Northwest. These plants are priced as low as you can grow them yourself. Special strains of plants cannot be furnished, as that would entail too much added work and expense.

Potted Tomato Plants are a specialty of ours and start bearing about two weeks earlier than the transplanted. Shipped in paper pots.

NOTE—Vegetable plants are very perishable and we cannot guarantee safe arrival. We recommend shipments by express as the quickest and safest way. We are always glad to handle express loss or damage claims for our customers.



Hanging Basket of Willow

Equally fitting for porch, window, or conservatory. When filled with flowers or ferns forms a most pleasing ornament. Beautifully designed of woven willow stained driftwood grey. Has a metal container, and suspended by three chains two feet long. 10½ in. diam., 6 in. deep. Price: \$2.20, postpaid.

| | Postpaid | | By Express | |
|---|----------|---------|------------|---------|
| | Per 12 | Per 100 | Per 12 | Per 100 |
| Cabbage, Early | \$2.20 | \$7.75 | \$1.15 | \$6.60 |
| Cabbage, Late | .20 | .75 | .15 | .60 |
| Cauliflower, Best Early | .25 | 1.50 | .20 | 1.25 |
| Celery, Self Blanching | .20 | 1.00 | .15 | .75 |
| Egg Plant, Extra | | | | |
| Early, transplanted | .60 | 4.00 | .50 | 3.50 |
| Pepper, Early Sweet | .60 | 4.00 | .50 | 3.50 |
| Tomato, Best Early | | | | |
| Transplanted | .45 | 2.75 | .35 | 2.25 |
| Tomato, Pot grown, very fine. Express only | | | 1.00 | 7.50 |
| Yellow Plum Tomato, Transplanted | .45 | 2.75 | .35 | 2.25 |
| Sweet Potato, Prolific Jersey (Yellow) ... | .30 | 1.50 | .25 | 1.25 |
| Mint Plants, for sauces, garnishing, etc., postpaid, 25c each; by express 20c each; \$1.75 per dozen. | | | | |

Sundries

BEST RED STONEWARE FLOWER POTS AND SAUCERS

| Size Inches Diameter | Prices by express, F. O. B., Bismarck | | Pots | | Saucers | |
|----------------------------|---------------------------------------|--------|------|-------|---------|-------|
| | Each | Dozen | Each | Dozen | Each | Dozen |
| 2 | \$0.05 | \$.50 | \$ | \$ | | |
| 2½ | .06 | .60 | | | | |
| 3 | .07 | .70 | .05 | .50 | | |
| 3½ | .08 | .85 | | | | |
| 4 | .09 | .95 | .05 | .50 | | |
| 5 | .12 | 1.20 | .07 | .70 | | |
| 6 | .15 | 1.50 | .08 | .80 | | |
| 7 | .20 | 2.00 | .10 | 1.00 | | |
| 8 | .30 | 3.10 | .12 | 1.20 | | |
| 9 | .40 | 4.25 | .15 | 1.50 | | |

STONEWARE HANGING BASKETS with chains, 8 and 10 in. sizes, 75 and \$1.25 each.

WATERPROOF PAPER FLOWER POTS

3 inch size. Fine for starting vegetable plants, bedding stock, etc. 30c per dozen, postpaid. By express \$2.00 per 100; \$12.00 per 1000.

FERN AND PLANT BOXES

AN ALL THE YEAR ROUND GARDEN, using the "SAVO" Flower and Plant Boxes. Sub-irrigating—watered automatically. For winter and summer use. Fill with water once a week. You cannot overwater. Made of heavy galvanized iron with roll rim. Enamelled moss green. We have sold these boxes for three years to some of our most particular customers and have never had a complaint on them. Prices: 23 inches long, \$4.00; 29 inches, \$4.50; 35 inches, \$5.25; 41 inches, \$6.00; 12x12 inches, \$4.50



"Savo" Flower Box

Don't Think for Hours—Just Say It with Flowers

Bismarck Nursery

Our Nurseries and Orchards beginning at the foot of 7th and 8th streets, are always open to visitors and we shall be only too glad to show you around.

CERTIFICATE OF EXAMINATION

This is to certify that I have this date examined the Nurseries and Stock of Oscar H. Will & Co., and found same to be free from dangerously injurious insects and Plant Diseases.
Sept. 2, 1921

C. B. WALDRON, State Horticulturist

SHIPPING—Orders will be forwarded at our discretion and when we can ship. No orders taken for delivery on special dates. We strongly advise customers to have nursery stock sent by express whenever possible and will guarantee safe arrival of same, provided goods are examined before being accepted and damage, if any, marked on receipt of transportation company, so that we may enter claim for the damage. We find it impossible to so guarantee safe arrival of goods when ordered sent by mail. We wish to call the attention of our Canadian patrons to the fact that all nursery stock must go into Canada by express or freight on or before May 1st, and shipments by parcels post of nursery stock are in violation of the Canadian laws.

CARE OF STOCK—All nursery stock leaves our packing cellar in first class condition. If your goods have been overlong on the road, or upon arrival are evidently in bad order, have the express agent make note of the same on express bill before you sign it.

If trees are to be planted soon, place roots in water and let them remain for several hours. If stock cannot be planted for several days, place roots in a trench and cover firmly with moist earth.

PLANTING—It is a good practice to "puddle" the roots in mud thick enough to leave a thin coating on the roots.

For small trees in wind-breaks, etc., the ground should be prepared as for corn. In planting such trees the best method is as follows: Drive a spade perpendicularly into the ground; work backwards and forwards until roots of tree may be inserted behind spade; remove spade and tread firmly about tree while holding same in position with one hand.

IMPORTANT—Before setting out, all broken roots and branches should be cut back to sound, live wood. The one year's growth on all fruit, shade and ornamental trees except the C. L. Weeping Birch and Evergreens, should be cut back about one-half to obtain best results. **Do Not Trim Tree from Bottom Up**, but cut back only this one year wood on all twigs excepting the leader. This also holds good with shrubs, hedge plants, etc. With seedlings chop off tops when in bundles of 50 or 100 and trim roots off one-fourth to one-third of their own length. All trees thus treated will start quickly and induce a stockier and thrifter stem growth.

For trees of one inch caliper and under, the hole should be two feet in diameter, and for each additional inch caliper the diameter of the hole should be increased one foot. The hole should only be deep enough to admit planting the tree from one to two inches deeper than when planted in the nursery. Work the mellow soil well around and between the roots and firm it thoroughly.

CULTIVATION—All groves and wind-breaks should be well cultivated for four or five years after planting. Lawn and avenue trees cannot be cultivated to the same extent, but a small space about each tree should be kept free from grass and weeds and thoroughly mulched.

TREES BY MAIL—We can ship parcels up to 70 pounds in 1st and 2nd zones; and up to 50 pounds in all other zones. Where postage is not included, we will send stock C. O. D. you paying postage on receipt of trees.

INSTRUCTIONS—Complete planting instructions will be enclosed with each order of Nursery stock, free of charge.

REFERRING TO ORDERS—When writing to us about your Nursery stock, ALWAYS give your order number and state whether goods were to be shipped by express, freight or mail.

FALL PLANTING—Peonies and other Perennial Flowers do exceptionally well when planted in Fall and we shall be able to supply you with any other stock which you may want in Fall, at regular catalog prices.

LANDSCAPING—Information and estimates gladly furnished free. Plans will be made free when accompanied by a deposit of \$5.00 to protect us after the plan is handed over to you. As soon as you order your stock, you will be given credit for the \$5.00. Where plans are wanted, write us so we can furnish you with our special Landscape information blank.

We have issued a 32-page booklet, entitled "Home Grounds" which covers the planting problems, both fruit and ornamental, that confront the prospective tree planter. A copy of this educational book will be mailed free of charge upon request.

Perennial Flowers

In the following list of perennial flowers, will be found the hardiest and best selections of the various groups of those choice flowers which come up year after year. All perennials appreciate rich soils and a good mulch of manure in the Fall after the

ground is frozen, which should be taken off early in spring and worked well into the soil. Practically all perennials, except the Peonies and some of the Iris varieties, will bloom the first year.

EXPLANATION—Numerals at end of description indicate height of plant at blooming time.

PRICES—All perennial roots, unless otherwise noted; 15c each; dozen, \$1.50. By mail, 20c each; dozen, \$2.00.



Achillea

October. Also used much in cemeteries and for cutting purposes, 1-1½ feet.

BABY'S BREATH—(*Gypsophila paniculata*). A very graceful plant blooming in August and September, when it becomes a mass of minute pure white blossoms, unexcelled for cutting, 2 feet.

BLEEDING HEART—(*Dicentra spectabilis*). One of the very best old fashioned garden plants and hardy in every respect. Very fine for borders or margins of shrubbery. Quite distinct and very scarce the last few years. Each 50c; mail, each 60c.

BELL FLOWER, JAPANESE—(*Platycodon gr.*). A very handsome border plant, the flowers when in the bud stage, having the appearance of bells or inflated balloons. Your choice, WHITE or BLUE.

COLUMBINE—(*Aquilegia can.*). Blooms from May to July, bearing quaint red and yellow flowers. 18-24 inches.

DAISY, SHASTA — (*Chrysanthemum max.*). Flowers large, pure white and very graceful, blooming more freely each season. Makes an exceptionally attractive border plant. 12 to 18 inches.

FOXGLOVE—(*Digitalis purpurea*). Famous for their long racemes of inflated flowers which suggest spires or towers of bells. They are of the easiest culture and prefer partial shade. 2-3 feet.



Columbine

GOLDEN GLOW—(*Rudbeckia*). A very free flowering and one of our most attractive autumn flowering perennials for massing or mixed borders, producing beautiful double golden yellow flowers in great profusion from August until October. 5-6 feet.

HOLLYHOCK. Vigorous strong growing plants with elegant, camelia-like flowers forming perfect rosettes, which bloom thruout the summer in the most lovely shades of color. Very attractive and free-flowering.

LILY OF THE VALLEY—(*Convallaria*). A great shade and rich soil loving plant. Foliage is a dark glossy green, flowers pure white, bell shaped, racemes gracefully arching. Very fragrant. 6 to 12 inches.

SWEET WILLIAM—(*Dianthus barbatus*). The grand well known old fashioned favorite, with a wide range of colors and conditions. 12 to 18 inches.

TIGER LILY—(*Lilium tigrinum*). Flowers bright deep orange red, spotted with purplish black spots. Very useful, thriving from year to year in open border. 2 to 4 feet. Dormant bulbs only.



Bell Flower

Iris

A grand family with many varieties. The flowers are amongst the most glorious of our hardy gardens, and by proper selection, may be had in bloom for several weeks. We are offering a First Class List at Pre-War Prices. Prices are for express shipment except where otherwise noted.

GERMANICA OR FLAG IRIS

MADAME CHEREAU. Tall, with high standards. Flowers white with blue margins. 15c each; \$1.50 per dozen; mail, each 20c.

FLAVESCENS OR CANARY BIRD. One of the best, and very conspicuous when planted in a mass. Uprights soft, creamy yellow, falls paler cream color, with striped base. 20c each; \$2.00 per 12; mail, 25c each.

QUEEN OF MAY. A new and choice variety with mauve-purple flowers. 20c each; \$2.00 per doz.; mail, each 25c.

SILVER KING. Solid lavender fading to white. Each, 15c; \$1.50 per 12; by mail, 20c each.

SANS DOUCI. Upright petals, a rich striking yellow. Drooping petals dull maroon. Small size. 15c each; \$1.50 per doz.; by mail, 20c each.

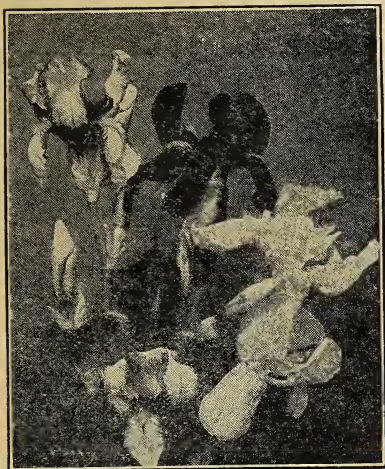
SIBERIAN IRIS

Each, 15c; doz., \$1.50; by mail, each 20c; doz., \$2.00.

ORIENTALIS. Large handsome violet blue flowers blossoming after the flag iris are gone. This variety, through conspicuous crimson spathe valves, is also very ornamental in the bud stage. 2-3 feet.

SNOW QUEEN. An exquisite new variety with flowers ivory white in color and one of the finest of the whole Iris family. 2 to 3 feet.

GEORGE WALLACE. A very pleasing color combination of blue and white. One of the tallest varieties of the Iris family. 3 to 4 feet.



Iris

IRIS PUMILLA

SAMBO. A very pretty dwarf species, fine for edging; lilac purple. Each, 15c; doz., \$1.50; mail, each 20c; doz., \$2.00.

NATIVE PERENNIAL INTRODUCTIONS

Each, 15c; doz., \$1.50; by mail, each 20c; doz., \$2.00.

ASTER, HIGHLAND. Has handsome, hardy, permanent, sky-blue flowers in September and early October. Very showy.

ANEMONE OR WINDFLOWER—(Anemone canadensis). Offered last year for the first time. Has beautiful white flowers in June and July and will do especially well mixed in with partially shaded shrubbery. 12 to 13 inches.

BOLTONIA ASTEROIDES—Perennial—(White). These are hard to equal for their shades of color and extreme profusion of bloom during the autumn months. Sturdy roots.

BLAZING STAR—(Liatris). Deep purple flowers produced on wandlike racemes, in late summer and autumn. Will thrive on poor soils and makes an effective border plant. 1 to 1½ feet.

GOLDENROD—(Solidago canadensis). A bold plant with large heavy foliage and immense heads of yellow flowers. Very beautiful, especially when used as a background or intermixed with native Aster. 4-5 feet.

YUCCA—(Yucca glauca). Unlike the Yucca filamentosa, this variety is ABSOLUTELY HARDY, but smaller. Will thrive on dry, gravelly soils. Blooms in June, flowers of which are large, bell-like and greenish white. 1-1½ feet.

VIOLETS—(Viola). These will thrive anywhere in the open or partial shade and are very beautiful for small borders. Blue and white. 6-8 inches.

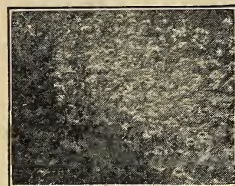
PENTSTEMON GRANDIFLORA. This is perhaps the most beautiful of all our native flowers; blossoms of lavender or blue, bell-like in shape and nearly an inch in diameter, covering a spike from 13 to 24 inches long. Blooms early in July.

LEAD PLANT—(Amorpha canescens). A bushy, very striking plant with grayish, lead colored foliage with much divided leaves. Flowers in the last half of July, bearing numerous clusters of very brilliant purplish blue flowers which remain for a long time. Plant is compact and attains a height of about 2 ft.

MAXIMILIAN'S SUNFLOWER—(Helianthus). Large single flowers borne profusely, rich golden yellow, center reddish brown. Dark green drooping foliage. Blooms August and September. Five to seven feet.



Boltonia



Pentstemon grandiflora

Peonies

The Peonies are without doubt the most hardy, beautiful, and easily grown perennials of all the flowers grown within the temperate zone and when once planted, last a life-time. They are likewise unsurpassable for indoor decoration, the cut flowers retaining their freshness for a week or more.



Peonies

Plant in good rich soil from two to three feet apart each way, with the buds about three inches below the surface. It makes a magnificent show when put out in large beds ten feet across, with a mixture of colors. It should be kept in mind that although likely to give some good blossoms the year after planting, this flower does not arrive at its full size and form until the third year.

We have completely revised our list of standard varieties, and can now offer our customers the best of the newly introduced varieties at very reasonable prices. It should be borne in mind that a high priced Peony is worth more, and must therefore be sold for more by the Nurseryman, on account of its extreme rarity. In other words, the supply of that particular Peony is limited, and prices are therefore accordingly higher. The colors and quality of flower are of course in a class by themselves.

We are also in position now to furnish any of our customers with the highest class Peonies in the U. S. such as the Kelway's Glorious, Cornelia Shaylor, Le Cygne, Mme. Jules Dessert, and others of like character. Prices quoted upon application.

ORDER BY EXPRESS. If wanted by mail, add 5c per root.

KARL ROSENFELD—(Rosenfield 1908). The first time that we have been able to raise enough stock of a really genuine dark-red Peony to offer our customers in limited quantities. It is very strong, large and striking. Very rare. Already recognized as one of the leaders for cut flowers. Each, \$3.00; per 5, \$12.00.

FESTIVA MAXIMA—Rose Type. Very large. White with faint carmine spots in center. For seventy years a leader of them all. Very early. Each, 50c; 5, \$2.25.

MARECHAL VALLIENT—(Gr. Rubra). Still holds its own as one of the best, large reds. Each, 50c; 5, \$2.25.

DELICATISSIMA—Rose Type. Lilac-rose color. Used in the cut-flower trade extensively. Very dependable and strong. Each, 75c; 5, \$3.25.

PHILOMELE—Anemone Type. Guard petals, bright rose. Anemone center, amber yellow. Novel and distinctive. Each, 75c; 5, \$3.25.

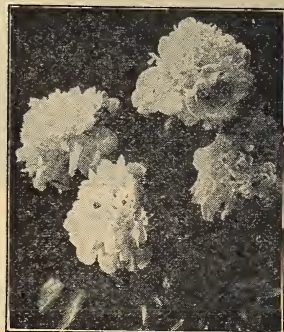
COURONNE D'OR—(Crown of Gold). White, with ring of yellow and crimson splashes. One of the best for cut flowers and landscape work. Each, 75c; 5, \$3.25.

DUCHESS DE NEMOURS—Crown Type. Very beautiful and the most nearly pure white of all the Peonies. Exceptionally fine when in the bud. Each, 50c; 5, \$2.25.

ROSEA SUPERBA. This is indeed a rightly named Peony, resembling somewhat, an immense pink Rose, with outer guards drooping, center turning slightly to white. Very compact flower. This is one of our earliest pink Peonies. Each, 75c; per 5, \$3.25.

FELIX CROUSSE—Bomb Type. Very large, bright red, late. Very fine form and fragrant. Very popular. Each, 75c; 5, \$3.25.

FLORAL TREASURE. A very good bloomer. Flowers are very large; color, soft, delicate blush pink. Each, 75c; 5, \$3.25.



Festiva Maxima

RHUBARB OR PIE PLANT ROOTS

Planting our 2-year-old roots saves you from 1½ to 2 years over seed. Our variety produces extra large stalks which for canning and cooking are unsurpassed.

MONARCH. Strong, vigorous grower, producing extra large stalks of finest quality, of a decided pink color. For canning or cooking in any way its quality is unsurpassed. Per dozen, \$1.25, postpaid. By express or freight, \$1.00.

ASPARAGUS ROOTS

Whether living on the farm or in town, this easily grown vegetable should find a place in every garden.

CONOVERS COLOSSAL. This is the largest and most extensively grown green variety. **COLUMBIA MAMMOTH**. A distinct white variety of strong and vigorous growth, producing very large white shoots, which in favorable weather will remain white as long as fit for use.

Price, either kind, 2-yr. undivided roots. By mail, 25, 85c; 100, \$2.25; express, 25, 75c; 50, \$1.25; 100, \$2.00; 500, \$3.00; 1,000, \$15.00.

HORSE RADISH ROOTS

BOHEMIAN. A particularly large and smooth-rooted variety of strong flavor. Postpaid, dozen, 30c; by express, dozen, 25c.

COMMON. The old-fashioned sort. Postpaid, dozen, 25c; by express, dozen, 20c.

Hardy Forest, Shade and Ornamental Trees

A few words to our customers with regard to the matter of wind break and shade tree planting. We have a fairly extensive list of trees, all of which with some attention



Five Year Old Cottonwood Grove

are satisfactory throughout the Northwest. For farm planting, however, under the harsher conditions the three old standbys are still the safest to plant—that is the cottonwood, box-elder, and green ash. For extensive groves or windbreaks a free use of the smaller sizes is sure to bring results, for quickest returns the cottonwood of course being the leader. In wind break planting there should be an addition of some of the more bushy types of trees such as Diamond, White English, Laurel Leaved and Golden Russian willows, Siberian Pea Tree, and Buffalo Berry. Some of the poplars in our list should also be intermixed for variety.

PLANT COTTONWOOD FOR QUICK RESULTS

COTTONWOOD—(Populus deltoides). The cottonwood, whose popularity has been slowly increasing from year to year, has been proclaimed by the highest horticultural authorities of the state to be one of our good, all-round trees, easily adapting itself to practically all conditions, and surviving where other trees die. The cottonwood is a native of this section, absolutely hardy and a very rapid grower, while objections raised against it as being a short lived tree are easily overcome on being confronted by many windbreaks and groves throught the state over thirty years old and which are still growing.

Choice 6-8 ft. trees. We have a very fine block of these, of heavy caliper, being transplanted. Nursery-grown and well-rooted.

No orders for less than 100 of the smaller sized seedlings will be accepted as we cannot break bundles on these.

COLLECTED SEEDLINGS

| | 100 | 500 | 1000 |
|------------------|--------|--------|--------|
| 6-10 inch | \$0.50 | \$1.75 | \$3.00 |
| 10-20 inch | .75 | 2.50 | 4.00 |
| 20-30 inch | 1.00 | 3.00 | 5.50 |

NURSERY-GROWN, TRANSPLANTED

| | Each | 10 | 100 |
|--------------|--------|--------|--------|
| 3-4 ft. | \$0.10 | \$0.75 | \$6.00 |
| 4-6 ft. | .15 | 1.25 | 10.00 |
| 5-7 ft. | .20 | 1.60 | 15.00 |
| 6-8 ft. | .25 | 2.00 | 18.00 |

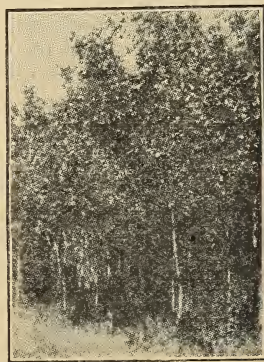
ASH—(Fraxinus lanceolata or viridis). The Green Ash is a native of North Dakota, and is absolutely hardy against drought, heat or cold. This tree will grow on dry and alkaline soils and could rightly be termed "insect and disease proof."

We offer our customers some unusually good stock, as our Ash are well rooted, have made a good growth last summer, and are very stocky. Try our 6-8 ft. trees for quick effect.

| | 100 | 500 | 1000 |
|-------------------------------------|--------|--------|--------|
| 6-12 inches | \$0.50 | \$2.00 | \$3.50 |
| 12-18 inches | .75 | 3.50 | 6.50 |
| 18-24 inches | 1.00 | 4.50 | 8.25 |
| 6-8 ft., each, 35c; per 10, \$3.00. | | | |

ASH—European Mt.—(Sorbus aucuparia). A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. 5-6 feet, each, 60c; per 10, \$6.00.

BIRCH—Cut-Leaved Weeping—(Betula l. p.). This is the most popular of all weeping trees. Of tall and slender habit; its graceful drooping branches, silvery-white bark and delicately cut foliage, with its absolute hardness present a rare combination of attractive characteristics. We offer an extra fine lot of stocky, bushy trees. 6 to 8 feet, each, \$2.00; per 10, \$18.00.



Green Ash (8 Years Old)

Box Elder-The Old, Reliable Shade Tree

BOX ELDER—(*Acer negundo*). Also called Ash Leaved and Manitoba Maple. Too well known to need any description. In planting windbreaks it is a very good method to alternate quick growing trees with the slower growing, long lived varieties. The Box Elder and Ash are extensively used in this manner with the cottonwoods. We wish to call particular attention to our calipered trees; these give immediate results in lawn and street planting. 5 @ 10 rates, 50 @ 100 rates.



Box Elder Shade Tree

| | Each | 10 | 100 | 500 | 1000 |
|-------------------------------|--------|--------|--------|--------|--------|
| 6-10 inch | | | \$0.75 | \$3.50 | \$6.00 |
| 10-20 inch | | | 1.00 | 4.50 | 8.00 |
| 3-4 feet | | \$0.75 | 6.00 | | |
| 4-6 feet | | 1.25 | 10.00 | | |
| 6-8 feet | \$0.25 | 2.25 | | | |
| 8-10 feet 1½-2 inch cal. | .75 | 7.00 | | | |
| 2-3 inch cal. | 1.00 | 9.00 | | | |
| 3-4 inch cal. | 1.50 | 12.50 | | | |

BIRD OR PIN CHERRY—(*Pr. pennsylvanica*). A handsome flowering tree, bearing long clusters of white flowers in May, followed by bright red fruit. 5-6 ft., each, 75c; 10, \$6.75.

ELM, American White—(*Ulmus am.*). Somewhat slower growing than most of our ornamental shade trees, but heads the list for beauty, longevity and general usefulness. We offer our own transplanted stock.

| | |
|-------------------------------|---|
| 5-7 ft. | Each, 35c; 10, \$3.00; 100, \$25.00 |
| Stocky 6-8 ft. trees | Each, 50c; 10, \$4.00; 100, \$35.00 |
| Stocky 8-10 ft. trees | Each, \$1.25; 10, \$10.00 |
| 2-3 inch cal. | \$2.00 Each |
| Seedlings, 12-18 inches | Per 100, \$2.00; 500, \$9.00; 1000, \$16.00 |

LINDEN OR BASSWOOD—(*Tilia am.*). A hardy grower of pyramidal habit when young, becoming large and round headed later. Has large, shiny, bright green leaves attractively shaped. Our own stock. Each, 4-6 ft., 75c; 10, \$7.00.

MAPLE, Amur—(*Acer ginnala*). A very beautiful ornamental tree attaining a height of from 15 to 20 feet. The foliage is small, prettily cut and lobed and turns a bright red in autumn. Extremely hardy. 4-5 ft., each, 40c; per 10, \$3.50.

MAPLE, Soft—(*Acer saccharinum*). We have succeeded in acclimating some very nice stock of this desirable tree, but do not recommend it for dry soils unless water can be applied plentifully, particularly before freezing in fall. Strong 12-18 inches, per 100, \$2.25; 500, \$10.50; 1000, \$20.00.

Willow and Poplar

Excellent for Mixing in, in Windbreak and Grove Plantings.
See Bottom of Next Page for Prices

WILLOWS

For windbreaks especially, plant a row of Poplar, well towards the center, while for the outsides, finish up with a few rows of Willows. Please do not confuse the hardy NORTH-WEST Poplar with the Norway, which is not the same and is absolutely no good for our section of the country. Be sure and follow directions carefully when planting windbreaks, especially as regards cutting back of plants at time of setting out.



Niobe Weeping Willow

WILLOW—Diamond. The most valuable as to timber of all the willow family and a native of North Dakota. Diamond willow fence posts will outlast the best white cedar. It has a shrubby tendency and in such form is valuable for shelterbelts and hedges but if trimmed up from the start, there is no more graceful tree to be had.

WILLOW—Niobe Weeping. Originally from Siberia. This is a hardy, golden-barked willow of weeping habit. The tree is a good grower with long, delicate, pendulous branches which nearly reach the ground. As any weeping trees may be injured by very high winds, we advise planting in partially sheltered places such as the south side of a house.



American Elm

WILLOW, White English. This is the original and genuine White English willow, which must not be confounded with the common gray or white willows. Our trees at the Nursery are between 40 and 50 feet in height, well branched out and very compact and bushy. Will grow 6 to 8 feet same season as set out.



White English Willow Windbreak

which is absolutely hardy with us and as far north as Indian Head, Sask., Canada; where it is found as a native. Also found as a native 20 miles north of us and at a few other places north and west. It has a beautiful appearance, is very drought resistant and a fast grower. Excellent for both grove and windbreak plantings and handsome in single or small group plantings for the lawn or grounds. Recognized and coming to the front very rapidly as the very best of all the Poplars.

CANADIAN OR RUSSIAN POPLAR. Practically as hardy as the Northwest but is more liable to insect attacks when becoming old. A very pretty and compact growing tree with very heavy, dense foliage.

BALSAM POPLAR or Balm of Gilead. A very quick-growing, serviceable shade tree. Has large, dark-green leaves, resembling those of the Northwest, while the tree has a very large spread.

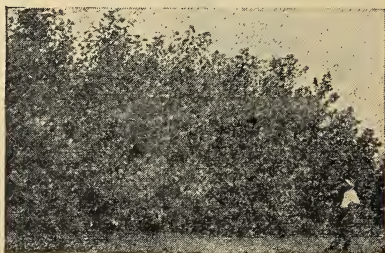
SILVER LEAVED POPLAR. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 5-7 ft. trees.

WILLOW—Golden Russian. A good, practical tree of symmetrical form. Its highly colored bark makes it very attractive, even in winter. Forms a very compact, dense, bushy tree.

WILLOW—Laurel-Leaved. A handsome ornamental tree, with large shiny, laurel-like leaves. Its bark stands out dark green in winter and is a very beautiful specimen in all seasons. We consider this the best variety of the willow family.

POPLARS

NORTHWEST POPLAR. The only Poplar except cottonwood



Northwest Poplar Windbreak

Prices for Willows and Poplar—Express or Freight

5 at 10 rates

50 at 100 rates

| | Each | 100 | 500 | 1000 |
|--|--------|--------|---------|---------|
| Diamond Willow Seedlings | | \$0.75 | \$ 2.50 | \$ 4.25 |
| Diamond Willow Cuttings (new wood) | | | 1.75 | 2.50 |
| White English Willow 6-12 in. | | 1.00 | 4.50 | 8.00 |
| White English Willow 1-2 feet | | 2.00 | 9.50 | 18.00 |
| White English Willow 2-3 feet | | 3.00 | 14.00 | 27.00 |
| Russ. Golden Willow 1-2 feet | | 2.50 | 12.00 | 23.00 |
| Russ. Golden Willow 2-3 feet | | 3.50 | 16.50 | 32.00 |
| Laurel Leaved Willow 1-2 feet | | 2.50 | 12.00 | 23.00 |
| Laurel Leaved Willow 2-3 feet | | 3.50 | 16.50 | 32.00 |
| Niobe Willow, Weeping, 5-6 feet | \$0.50 | | | |
| | Each | 10 | 50 | 100 |
| Silver Leaved Poplar, strong 5-7 ft. | \$.50 | \$4.50 | | |
| Balm of Gilead, (Balsam Poplar) 6-8 ft. | .45 | 4.00 | | |
| Canadian Poplar, 1-2 ft. | .05 | .45 | \$2.00 | \$ 3.50 |
| Canadian Poplar, 3-5 ft. | .15 | 1.25 | 5.00 | 8.50 |
| Northwest Poplar, 3-5 ft. | .20 | 1.75 | 7.50 | 12.50 |
| Northwest Poplar, 2-3 ft. | .15 | 1.25 | 5.00 | 8.50 |
| Northwest Poplar 1-2 ft. | .10 | .85 | 3.50 | 6.00 |

MAIL PRICES. On account of the uncertain weights, order size and kind wanted at above prices, paying the postage when stock arrives.

Ornamental Flowering Shrubs

We make a specialty of hardy flowering shrubs which we have proven suitable to Northwestern conditions of climate. We call especial attention to the hardy natives which we list.

PLANT WILL'S PROVEN, HARDY SHRUBS FOR RESULTS

Prices quoted are by express or freight. 5 at 10 rates.

Mail Prices—Where shrubs are desired by mail add 10c per plant to price quoted for that variety. All shrubs sent by mail are of small size, and will be cut back ready for setting out, before shipping.



Snowball

extensively for Memorial Day decorations. The large balls of pure white flowers are borne in clusters of five or six. 2-3 ft., each, 40c; per 10, \$3.50.

SPIREA SALICIFOLIA—(Meadow Sweet). Native white flowering. Covered with beautiful small white flowers borne on miniature spikes from late June into July. Small plants. Each, 25c; per 10, \$2.00.

SPIREA—Van Houtte. This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. It is excellent as a specimen plant or for use in shrubbery cluster. 2-3 feet, each, 35c; per 10, \$3.00.

SPIREA—Callosa alba. Like the A. Waterer, this is a dwarf, growing to a height of 24 inches. The large flat clusters of white flowers bloom nearly all summer. Very attractive. Each, 30c; per 10, \$4.25.

SPIREA—Opulifolia (Ninebark). Has a strong thrifty, upright growth, attaining a height of 6 to 8 feet. The stems are rugged and have loose, gray bark. Flowers are white, with bladdery pods turning purple in fall. Will thrive in both dry and wet soils. 2-3 feet, each, 35c; per 10, \$3.00.

SPIREA—Billardi. A hardy, vigorous growing shrub with flowers in terminal rose colored spikes blooming from mid-summer until frost. Grows to a height of from 5 to 7 feet. Each, 30c; per 10, \$2.50.

SPIREA—Anthony Waterer. This is a dwarf, free-blooming variety which bears flattened heads of brilliant rosy blossoms on the new wood throughout the latter part of summer. 18 to 24 inches, each, 60c; per 10, \$5.00.

SILVERBERRY—(Eleagnus argentea). An erect shrub, native here and in Canada, growing to a height of 10 feet. Leaves silvery on both sides, while flowers are yellow and fragrant. Closely resembles the Russian Olive to which family it belongs. 2-3 feet, each, 40c; per 10, \$3.50.

STAGHORN SUMAC—(Rhus typhina). The glossy foliage turns a brilliant crimson in fall, while the branches and stocks are very dense and velvety haired. Blooms late with terminal flowers of greenish-white in dense panicles. Fruits are large deep crimson. Extra strong stocky plants. 4-5 feet, each, 50c; per 10, \$4.00.

AROMATIC SUMAC—(Rhus aromatica). Handsome dwarf native with bright red berries. 1-2 ft., each, 30c; per 10, \$2.50.

HIGH BUSH CRANBERRY—(Viburnum opulus). A native shrub, flourishing on all but the dryest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its big clusters of red berries in the fall. Each, 35c; per 10, \$3.00.

JUNEBERRY—(Amelanchier canadensis). A native of this state, attaining a height of six to eight feet, bearing white flowers very early in the spring, and producing a large number of edible berries which are very ornamental. Each, 3 to 4 feet, 25c; per 10, \$2.00.

GOLDEN ELDER—(Sambucus aurea). A most attractive shrub with golden foliage the entire season. Forms a delightful contrast when grouped with other shrubs. Flowers in July. Each, 40c; per 10, \$3.50.

FLOWERING OR BUFFALO CURRANT—(Ribes aureum). The fragrant yellow flowers are borne in showy racemes and bloom before the plant leaves out. The flowers are replaced by black berries which make excellent jelly. The leaves give bright autumn tints. Particularly desirable in shrubbery clusters. Each, 2-3 feet, 40c; per 10, \$3.50.

SNOWBALL—(Viburnum sterilis) This beautiful shrub blooms during the latter part of May and is used



Spirea Van Houtte

Flowering Ornamental Shrubs (Cont.)

DOUBLE FLOWERING PLUM—(*Prunus triloba*). Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. 2-3 feet, each, 50c; per 10, \$4.50.

RUSSIAN ARTEMISIA—(*A. sacrorum*). Not hardy in these sections but makes a 4 to 5 ft. growth each season from the crown. Foliage is a rich green, and grows in pretty pyramidal form. Belongs to same species called "Wormwood," Southernwood and Old Man. Each, 3-4 ft., 35c; per 10, \$3.00.

SIBERIAN DOGWOOD—(*Cornus siberica*). Also called "Red twigged" dogwood, and really is the Siberian form of "Ki-ni-ki-nik." The branches, especially the annual shoots, are of a bright red color. Flower heads white; berries of light bluish color, height, 4 to 6 feet. Young plants, 2-3 ft., each, 50c; per 10, \$4.50.

LILAC, VILLOSA. A species of hairy leaved lilac from China, having large pannicles and flowers which are light purple in the bud and white when open. Very fragrant. The rich, bright green foliage resembles that of the white fringe. Each, 2-3 ft., 50c; per 10, \$4.50.

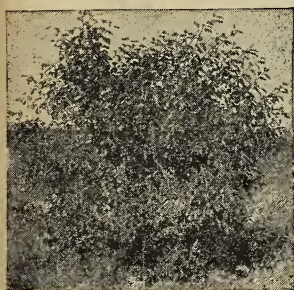
LILAC, COMMON PURPLE—(*Syringa vulgaris*). The old-fashioned shrub bearing dense pannicles of lilac flowers in May. Each, 25c; per 10, \$2.00.

LILAC, COMMON WHITE. The old favorite with its pure white flowers of great fragrance. Each, 30c; per 10, \$2.50.

TAMARIX. Tall growing shrubs, 8-10 feet in height, with fine, leathery foliage like the Red Cedar or Larch. Has very fine pink flowers during May, June and July. 4-5 feet, each, 50c; per 10, \$4.50.

A FEW WORDS ABOUT FRUIT TREES

The larger and better known fruits like the Apples, Crabs, Plums, Plum-Hybrids and some of the Cherries, can be successfully grown here to a certain extent; whereas the smaller fruits have proven their economic value and are really a necessity on every Farm and Garden. We again wish to emphasize the fact that our selection of Apple varieties must necessarily be a limited one, and that these should be grown as much as possible in "Bush Form." The Plums of course give the quickest returns of any of the Stone or Pome fruits, being more easily adapted to our harsher and changing climate, and will generally bear fruit the second season after setting out. The Hansen Plum Hybrids, being the result of crosses between our native Sand Cherry and our American Plums, should be allowed to "Bush out" from the ground like the Sand Cherry. This objective can be easily attained by buying only young stock, either one or two year old trees, and cutting them back very severely at time of setting out. These "Hybrids" will bear fruit the first year after setting out and will produce immense crops in a very short time.



Ideal Form for Fruit Tree

We quote H. O. Werner in N. D. Agr. Ex. Bulletin No. 9: "Young trees or shrubs, one or two years old, are the best size, as they do not receive such a serious set-back when transplanted as do older trees. The trees that have matured the greatest growth in one or two seasons and that have a strong root system are the best to use. Try to get low headed trees."



Common Purple Lilac

I thank you for the fine trees you sent me this spring. All were in fine shape.
Mrs. Dora Kinzer, Bonnidce, Wyo.
I never saw a finer lot of trees sent out for planting. Everything is coming along fine.
Henry McGuire, Garland, Mont.

Apples and Crabs

Send for Our Leaflet, Outlining the Latest Ideas in Fruit Growing for the Northwest.



We are again offering a fine lot of two year old Apple and Crab trees, and feel certain that we have to some extent proven to our numerous customers and friends the VALUE of setting out young stock. When setting out young Apple Trees, cut back central or main leader (the one year's growth) fully half or more, while side branches should be clipped to within 6 inches of the main trunk or stem. This will induce trees to "Bush Out" very low and form a new and compact "Head." By following these simple directions, your success is assured. We might add that the Hibernial holds first place for hardiness, with the Patten's Greening and Wealthy following close. 5 at 10 rates. **Prices 2-year, 3-4 ft., each 30c; per 10, \$2.50.**

WHITNEY CRAB. August to September. A hardy, thrifty, upright grower. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for cider.

HYSLOP CRAB. September to November. A small, late, dark-red crab. It is very hardy, a good yielder and one of the most popular varieties.

WEALTHY. October to January. This variety is beyond doubt the most popular sort thruout the Northwest. A hardy, upright grower, and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid; white, tinged with red. A fine eating apple and one that keeps well in storage.

HIBERNAL. October to December. The hardest type of the Russian family. A spreading grower, and an early regular bearer. The fruit is large and yellow in color, with dull, bronze-red on the sunnyside. Excellent for cooking and the best for drying purposes, but tart for eating until ripe.

PATTEN'S GREENING. February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest; a good eating and cooking apple.

OKABENA. September. Very hardy, productive and remarkably free from blight. The fruit is medium sized, slightly flattened, and highly colored. As an eating apple it cannot be surpassed.



Orchard of Bush Form

DUCHESS. August to September. A standard early commercial variety and the best known of all the Russian apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy.

Plums

Americana Type

Plums are the best adapted to our conditions of any of the fruits and are found native all over the Northwest. Our named varieties, either selected or crosses, all come from the hardy Prunus Am. group and Nigra. The Hansen Hybrids of course are also hardy but should be allowed to grow in "Bush Form". We are now propagating several varieties of Plums which are selections of the Am. group, and which are superior in all respects to any of our present named varieties. As for the varieties of this year, we have decided to place before our customers only the DeSoto and Terry.

PRICES—TERRY, DeSOTO AND WILD PLUMS

Each, 4-5 feet, 2 yr., 75c; per 10, \$7.00 For DeSoto and Terry.
Each, 4-5 feet, 2 yr., 25c; per 10, \$3.00. For Wild Plums.
Each, 2-3 feet, 2 yr., 25c; per 10, \$2.00. For Wild Plums.

See Descriptions on Next Page.

TERRY. Also called "Tree Silver" years ago. This is a very large, red plum, thin-skinned, very good quality and a heavy bearer. One of our best American plums.



De Soto Plum

DE SOTO. The most popular of all American plums and a marked success in the Northwest. The tree is very hardy and productive, inclined to overbear. The fruit is medium size, fine quality and flavor, and bright red with firm, yellow flesh.

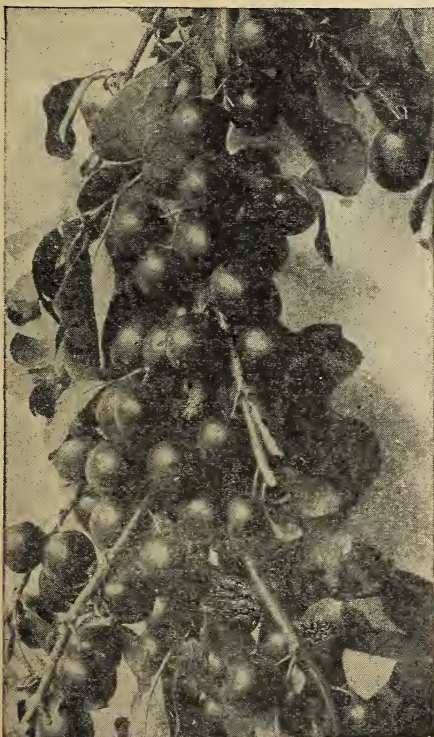
NATIVE WILD PLUM. These vary somewhat as to size and color, some being a medium size while others are larger. All however, are good sized plums and are absolutely certain to bear fruit every year after the second year of setting out.

Plums

Hansen Hybrids

These varieties were originated and introduced by Prof. N. E. Hansen of the South Dakota Experimental Station. By cross-fertilizing our native wild plum, the Sand or Rocky Mountain cherry, and the large Japanese plums and apricots, and planting seedlings of these crosses, he has obtained trees that are hardy, are early bearers, and very prolific of fruit, noted for its fine quality and great size. All of the following varieties will bear fruit first year after setting out without fail. We are listing the 3 to 5-foot size and suggest cutting the tops as with apples, as it is the nature of these hybrids (containing the sand cherry blood) to be more or less bushy in habit.

GUARANTEE. We absolutely guarantee our customers that all of our Hansen Hybrid stock is grafted on the hardy native plum root, the seeds of which were gathered around Bismarck, then grown at our Nurseries, and grafted last winter. Such trees will withstand the coldest winters as it is impossible to freeze the root, and if



Hansen Hybrid Plum

tops are properly cut back at time of setting out, there is no danger whatever of losing a single tree. Our strong 1 yr. old stock can be cut back to within 6 inches of the crown if desired, thereby paving the way for the finest kind of "Bush Form" tree. Price: strong 1 year, 3-5 feet, each, 60c; per 10, \$5.00.

OPATA. A cross between the Sand Cherry and Gold Plum. Tree is a very vigorous grower and should be allowed to head out very low. Fruit is dark, purplish-red with blue bloom, flesh green and firm with very pleasant flavor. We consider this the best and the hardiest of the Hansen hybrids.

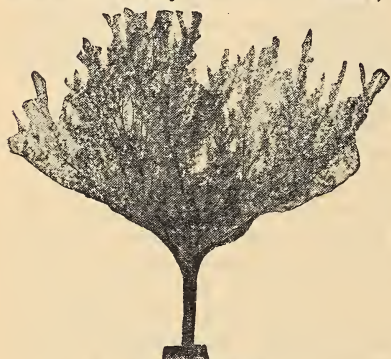
SAPA. Cross between the Sand Cherry and a Japanese Plum. Heads low like the Opata. Fruit has glossy dark purple skin and rich dark-purple red flesh. Excellent for canning.

CHERESOTA. Another of the crosses, the fruit resembling the Opata very much but being a little smaller in size. More so than the others, this variety has a tendency to grow upright, and if anything, bears heavier.

SAN SOTA. Cross between the Sand Cherry and the De Soto Plum. Fruit resembles the Cheresota but is slightly larger. The quality is especially good.

Cherries

COMPASS. This remarkable fruit, the result of a natural cross between the sand cherry and a native plum, originated with H. Knudson of Springfield, Minnesota. The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year as it is set, and is quite certain to bear a good crop annually thereafter. The fruit which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. **Price, each, 3-5 feet, \$0.60; per 10, \$5.00.**



Compass Cherry

CHOKO CHERRY. We have given up the domestic sweet and sour cherries as they have been winter killed for the last few seasons, and we do not wish to recommend any variety that will not give satisfaction. We list this year only the native wild cherries and hybrids: being natives of this state and absolutely hardy. These fruits make most excellent preserves. 4 to 5 ft., each, 25c; per 10, \$2.00.

SAND CHERRY OR ROCKY MOUNTAIN CHERRY. This is a native bush cherry, wonderfully productive and very hardy. The fruit is nearly the size of a tame cherry and when dead ripe, of pleasant taste. Very fine for jams and jellies. Each, 25c; \$2.00, per 10.

HAZELNUT—*Corylus Americana*

This native, found in the Northeastern part of the state and in Northern Minn., grows in shrub or bush form, attaining a height of from four to six feet. The nuts hang on in clusters and can be picked when fairly green. Very good to eat. They generally bear heavy crops year after year. Each, 3-4 feet, 25c; per 10, \$2.00.

STRAWBERRIES

PROGRESSIVE EVERBEARING. After several years of testing out, this variety holds first place among the Everbearing kinds for the Northwest section. It is very hardy and highly productive and we recommend this kind for all ordinary purposes, either for the Farmer who wants to set out 500 or a 1,000 plants or for the City dweller who is content with 25 or 50 plants. Keep blossoms picked off during spring when plants are set out. This insures a good crop for Fall. Mulch with old hay or straw in Fall after the ground freezes and take off during April the following year. If taken care of, you can have fresh fruit from August until October the first year, and practically during the whole season, the next year.

SEN. DUNLAP June Bearing (Perfect-Flowering).

This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning. It ripens early but continues one month in bearing. Absolutely hardy throughout the Northwest; it yields a good crop in spite of drought and neglect.



Progressive Everbearing

| | | | | | |
|-------------------|--|--------|--------|--------|---------|
| 500 at 1000 rates | | | | | |
| Prices by Mail | | 25 | 50 | 100 | 1000 |
| Progressive | | \$0.75 | \$1.35 | \$2.50 | \$20.00 |
| Sen. Dunlap | | .50 | .90 | 1.50 | 12.00 |
| Prices by Express | | | | | |
| Progressive | | \$0.65 | \$1.25 | \$2.25 | \$18.00 |
| Sen. Dunlap | | .40 | .75 | 1.25 | 10.00 |

FOR STRAWBERRY PLANTS. We suggest that whenever possible, you order strawberry plants sent separately, as they will reach you in better shape than when packed in with trees. Most important, however, is the fact that these plants cannot very well be shipped out much before May 1st, and therefore often hold up big orders of trees, waiting only for these plants, whereas, if they had been ordered sent separately, the trees would have been sent out, with berry plants following later. When ordering trees, etc., by express, strawberry plants are wanted by mail, be sure and order these plants at **MAIL PRICES.**

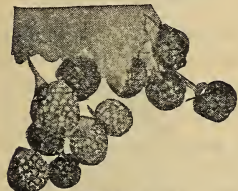
The strawberry plants reached me in good condition and I have them planted today.
I thank you for your trouble. S. J. Oliver, Red Lodge, Mont.

Raspberries

CULTURE—This is one of our true Northern fruits and is very much at home in the Dakotas, Montana and the western states. For these regions it is a good plan to lay out rows 6 feet apart, planting the canes 2 to 3 feet apart in the row, thus letting them form a "Hedge Row" 18 to 24 inches wide.

PEERLESS CLIMBING—(Red). This raspberry was originated by Mr. John Millet of Bismarck, and in his trials has given marvelous results. The canes will attain a height of eight to twelve feet if tied to a trellis or pole and berries are produced along the whole length of the plant. The fruit is large, of very good quality, and profusely borne. So far the Peerless has shown unusual hardness, although we are not yet prepared to say whether it is as hardy as the Sunbeam. Unusually valuable where space is crowded as it may be trained up and will produce a great quantity of fruit on a small area. **Prices:** per dozen, 75c; 50, \$3.00; 100, \$5.00. **By mail,** dozen, \$1.00; 50, \$3.50; 100, \$6.00.

SUNBEAM—(Red). This is the hardiest of all red raspberries and the only red variety we have as yet found that will winter in North Dakota without any protection whatsoever. This variety has stood 47 degrees below zero in our nursery, and seven feet of water stood on the patch several days but the Sunbeams all came out in good shape, bearing heavy crops every year. The Sunbeam is very productive and has distinct heavy foliage. The fruit is of medium size with a bright red color and of excellent quality. The bearing season is very long, lasting until late in August and bearing nearly as much of a crop on the one year shoots as on the older and more established plants. We claim the Sunbeam to be absolutely the best raspberry for the north-western section which has been so far produced. **Price:** per 12, 40c; 50, \$1.60; 100, \$3.00. **Mail,** per 12, 60c; per 100, \$3.50.

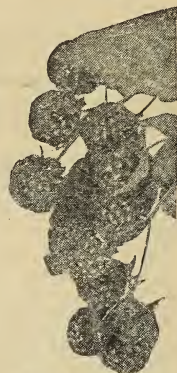


Ohta Raspberry

sized, firm and hang in clusters. Plant not more than 2 inches below surface of soil. **Each,** 25c; **dozen,** \$2.50. **By mail,** each, 30c; **dozen,** \$3.00.

OHTA—(Red). Like the Sunbeam this variety was originated by Prof. Hansen of Brookings, S. D., who, in his endeavors to produce a berry better than the Sunbeam, was finally rewarded by this cross which he called Ohta. This variety might be termed an everbearer, as it bears from July until fall. **Price:** per 12, 70c; per 50, \$2.50; 100, \$4.50. **Mail,** 12, 95c; 100, \$6.00.

TYE BLACK—(See Back Cover). The only hardy Black Raspberry in the Northwest. Found growing wild in the Square Buttes of this state by Mr. O. A. Tye and brought under cultivation. Makes a strong, stocky growth. Berries are medium-



Sunbeam Raspberry

Blackberries

ELDORADO. The most valuable variety for our northern climate. It requires covering in winter. The plants are vigorous, and their yield is enormous. The berries are large, jet-black, borne in large clusters and ripen well together. They are sweet and delicious and keep well after picking. **Dozen,** 70c, postpaid. **By express,** dozen. 60c; 50, \$2.25; 100, \$4.00.



Houghton Gooseberry

Gooseberries

HOUGHTON. An enormously productive, reliable old variety. The fruit is smooth, pale-red, tender and well flavored. Of vigorous growth, slender and spreading; it is not subject to mildew. Strong 1 year plants, per 12, \$1.50. **By mail,** per 12, \$1.75.

The goods, Order No. 17972, about which I wrote you came this morning and are now in the ground. If they do as well as your seeds always do I shall in due time, have some fine fruit.

Elizabeth H. Avery, Redfield, N. D.

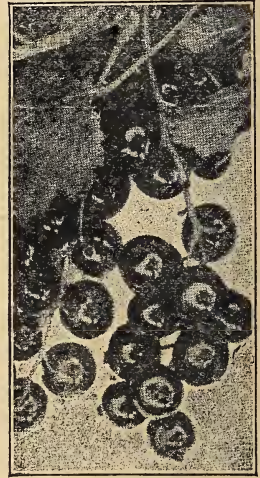
Currants

PERFECTION. Greatest of all currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant; it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. **Prices: each, 20c; doz., \$2.00; by mail, each, 25c; doz., \$2.25.**

CHERRY CURRANT. An old standard variety. The growth is strong, stout and erect. The fruit is, of large size, deep-red and rather acid. Very productive. **By express, dozen, \$1.50; by mail, \$1.75. Heavy 2-yr. plants, doz., by express, \$2.25; by mail, \$2.50.**

WHITE GRAPE. The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. **By express, dozen, \$1.50; by mail, \$1.75.**

NATIVE BLACK. We have a limited supply of transplanted stock, Nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. **Each, 2 yr. old, 25c; dozen, \$2.50.**



Perfection Currant

Grapes

CULTURE—Grapes have always been, and always will be, one of our most popular fruits. There is absolutely no reason why we should not be able to raise our own grapes in the Dakotas, Montana and west of there, if a little attention is paid to pruning, etc. Our varieties here listed, are acknowledged to be the hardiest in the U. S. up to the present time, and have withstood several tests of 40 degrees below zero. Even so, to make

sure, grapes should be laid down the first winter and covered with soil, finishing with a mulching after they have been laid down.

BETA. Without doubt the best of the hardy grapes. The berries are blue-black, medium sized and of peculiar aromatic flavor and ripen about August 25th. This is the most desirable grape for arbors and is largely used for decorative purposes. **2 yr. plants, each, 25c; doz., \$2.50. Postpaid, each, 30c; doz., \$2.85.**

SUELTER. Similar to the Beta but bearing slightly later and having larger fruit of a slightly better quality. **Price same as Beta.**

WILD WHITE. We are very fortunate in getting hold of this wild white grape as there are very few in cultivation. Berries hang on in big clusters, well filled, and have a very sweet taste. Make a superb jelly and an excellent drink. **Rooted cuttings, 1 year, each, 50c; per dozen, \$4.50.**

NATIVE WILD. Our native wild grape is very serviceable for arbors and trellis work. Its sour fruit is improved by a good frost and makes an excellent jelly. As the percentage is very low of fertile flowers in grape seedlings, at least a dozen or so plants should be set out if you want to make sure of fruit. We offer only 2 year old plants, nursery grown. **Price; each, 20c; 10, \$1.75. By mail, each, 25c; doz., \$2.25.**



Beta Grape

Hardy Roses

IMPORTANT—All roses listed except the Persian Yellow and the named Rugosa varieties, should be protected in winter. In fall cut back slightly, loosen soil around roots, bend plant over and cover with soil. Later on mulch heavily with hay, old straw or strawy manure. Uncover early in spring. Before planting roses, cut back to within 6 inches of the crown. Baby Ramblers and most of the Rugosa will bloom same season as planted.

ROSA RUGOSA HYBRIDS

These double Rosa Rugosa are upright shrubs attaining a height of three to four feet, absolutely hardy and not attacked by insects. Its stout thorns make this a beautiful and effective hedge plant. It blooms throughout the summer and needs absolutely no winter protection. Following are the three best named varieties, strong field grown 2-year stock.

HANSA (Crimson). The flower is a large beautiful crimson, double and very fragrant. Each, 65c; per 10, \$6.00.

C. F. MEYER (Pink). The flower is a clear silvery rose, large and double. Each, 75c; per 10, \$7.00.

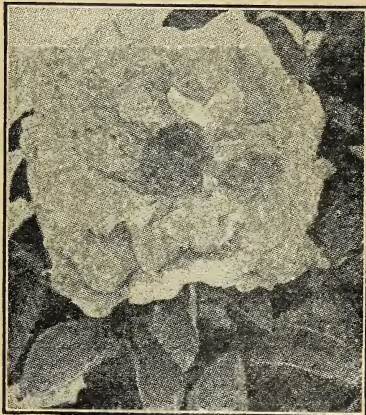
BLANC DE COUBERT (White). The flowers are pure white, semi-double, and very fragrant. Each, 90c, per 10, \$8.50.

By mail, add 10c per plant to above prices.

CLIMBING ROSES

CRIMSON RAMBLER. A wonderful Japanese rose, the most important and valuable acquisition of recent years. A rapid growing climber producing an abundance of semi-double bright crimson flowers. Each, 50c; per 10, \$4.50. Postpaid, each 60c.

WHITE RAMBLER. Having the same climbing habit as the Crimson Rambler, but bears pure, pearly, white flowers. Each, 50c; per 10, \$4.50. Postpaid, each, 60c.



Blanc De Coubert

BUSH ROSES

GEN. JACQUEMINOT—(Hybrid Perpetual or Bush Rose). One of the best and most popular of the red H. P. Roses grown. It is bushy in habit and quite hardy. The large and fragrant flowers are a rich crimson. Should have some winter protection. Each, 75c; per 10, \$7.00. Postpaid, each, 85c.

PERSIAN YELLOW—(Hardy Yellow Bush Rose). An old favorite and still one of the very best roses for the yard. Flowers are bright yellow and double. Each, 85c; per 10, \$8.00. Postpaid, each, 95c.

NATIVE BUSH ROSE (*Rosa blanda*). A very pretty, single pink. Nursery grown, transplanted stock. Each, 25c; per 10, \$2.00.

BABY RAMBLERS

BABY RAMBLERS OR DWARF POLYANTHUS ROSES. These are invaluable in bedding work, and if cut back in the fall and potted will bloom throughout the winter indoors. These must also have protection if left outside over winter.

CRIMSON BABY. The original dwarf form. The wonderful persistency of its crimson bloom makes it deservedly popular.

ular. It makes a very beautiful house plant. Each, 75c; per 10, \$7.00. Postpaid, 85c, each.

WHITE BABY. Daintily modeled and full of perfectly double, pure white flowers. Each, 75c; per 10, \$7.00. Postpaid, each, 85c.



Hybrid Rugosa



Persian Yellow Rose

The order of trees arrived on Monday. They are in good condition and I am well pleased with them.

Paul Cunningham, McHenry, N. D.

Hardy Hedges



Buffalo Berry

BUFFALO BERRY. A hardy native shrub, valuable as an ornamental, as a hedge plant, and for its fruit, a bright red berry the size of a currant, borne very profusely, which makes a wonderful fine jelly.

SIBERIAN PEA TREE—(*Caragana arborescens*). One of the hardiest of the shrubs introduced from Northern Russia, its foliage resembling the locust. The bark is a bright green, rendering the tree very attractive even after the leaves have fallen. The bright yellow flowers are borne in May and June, and in dainty shape closely resembling pea blossoms. It can be grown as a shrub or trimmed to a tree, and, planted in hedge rows gives quick and pleasing results. It is absolutely hardy under the severest conditions.

HONEYSUCKLE, TARTARIAN BUSH. An upright or bush form of the Honeysuckle and noted for its great profusion and fragrance of its flowers. Growing from eight to twelve feet, high (according to location) these tall growing shrubs are extremely suitable for shrubbery clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form.

RUSSIAN OLIVE—(*Eleagnus angustifolia*). The hardiest of the Russian importations. Thrives on the poorest soils, and withstands drought, heat and cold absolutely. It has small yellow flowers produced abundantly, replaced later by small, silvery-white, olive-shaped fruits. When trimmed it makes a beautiful ornamental and when cut back forms a most effective hedge. For hedging, plant 1 foot apart.

Prices for Hedge Plants—Express or Freight

| | Each | 10 | 50 | 100 |
|-----------------------------------|--------|--------|---------|---------|
| Buffalo Berry, bushy 2-3 ft. | \$0.25 | \$2.00 | \$ 9.00 | \$16.00 |
| Buffalo Berry, stock 4-5 ft. | .30 | 2.50 | 10.00 | 18.00 |
| Russian Olive, 18-24 inches | | .95 | 4.25 | 7.50 |
| Russian Olive, 2-3 ft. | | 1.40 | 6.00 | 10.00 |
| Russian Olive, 3-4 ft. | .25 | 2.25 | 11.00 | 20.00 |
| Sib. Pea Tree, 6-12 inches | | .50 | 2.00 | 3.50 |
| Sib. Pea Tree, 12-18 inches | | .75 | 3.00 | 5.00 |
| Sib. Pea Tree, 18-24 inches | | .90 | 4.00 | 7.00 |
| Tart. Honeysuckle, 2-3 feet | .35 | 3.00 | 13.50 | 25.00 |

Creepers and Vines

5 at 10 Rates

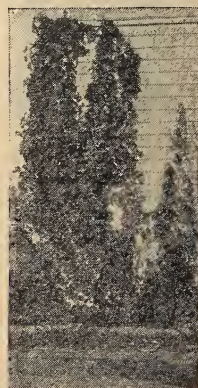
VIRGINIA CREEPER—(*Amp. quinquefolia*). Also called Woodbine, five-leaved Ivy, etc. A native vine of rapid growth and large luxuriant foliage, which in autumn takes on the most gorgeous coloring. Each, 20c; 10, \$1.75. Postpaid, each, 25c.

ENGLEMAN'S CREEPER—(*Amp. Englemanni*). A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. Each, 25c; 10, \$2.25. Postpaid, each, 30c.

BITTERSWEET—(*Celastrus scandens*). A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in autumn. The leaves are dense and glossy. Each, 25c; 10, \$2.00. Postpaid, each, 30c.

NATIVE HOP VINE. This is a hardy, native vine which produces greenish flowers. It readily attains a height of 15 feet. Nursery grown plants strong. Each, 20c; 10, \$1.75. Postpaid, each, 25c.

CLEMATIS—Native White Flowering. A fast growing native vine of the Clematis family of absolute hardiness and covered with myriads of small white flowers in summer. 2 and 3 year old plants, nursery grown. 25c each; 10, \$2.25. Postpaid, each, 30c.



Native Hop Vine

Evergreen Trees

Evergreen trees will bring a new beauty and charm to your home. There is unquestionably no better way of beautifying your place than surrounding it with beautiful Evergreens. As an ornamental tree, Evergreens are unsurpassed. No other trees remain green through summer and winter; none are more beautiful. But while their value in this respect is great, Evergreens are most useful in other ways. They protect houses, stock and crops from wind, sun and snow. They conserve the soil's natural moisture. They form a substantial shelter and nesting place for the birds that rid your acres of worms and destructive insects. They are a source of salable timber for fence posts and other uses. Plant some Evergreens around your garden and just see how much difference there is in the temperature and moisture. You will find that you can grow flowers, fruits and vegetables that you never could before.

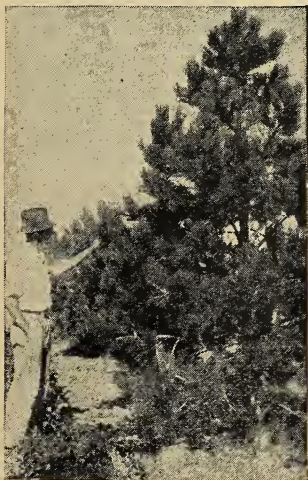
There is no tree quite so well beloved by all of us as the Evergreen, nor is there any which has caused as many disappointments in not growing. Ordinarily the evergreens are hard to start, and most of them are not at all hardy. For the cold Northwest we have fully decided on a very short list of Evergreens, but a list of only those sorts which are not very difficult to transplant. By planting only the sorts which we list you will be practically certain to get good results.



Black Hills Spruce on the Lawn

BLACK HILLS SPRUCE SEEDLINGS—Mail or Express

This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the hardest of all the Evergreens, and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for spring shipment. Seedlings come 100 per bunch so do not order less, as we positively will not break bunches. Package of 100, by express, 3-6 inch, \$1.75; By mail, per 100, \$2.00.



Bull Pine

Select Specimen Plants

By Express or Freight Only

The following varieties, (all bushy specimen plants) will be sent, balled and burlapped or placed in baskets. On account of high express rates on uncraged trees, we advise when ordering, to have trees sent "balled and burlapped." When wanted in baskets however, kindly specify. Where 10 or more plants are ordered, we can ball and burlap, box, and send by freight. The Larch are sent like the other ordinary trees, not balled and burlapped.

BLACK HILLS SPRUCE. This is a sub-variety of the White Spruce, but is much harder. It has been growing in the Black Hills since glacial days and there is nothing in the way of blizzards, hot winds, drought and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the hardest. Price: each, 12-18 inches, \$1.00; 18-24 inches, \$2.00.

COLORADO BLUE SPRUCE SHINERS—(Picea pungens). An elegant Colorado species with long leathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. 18 to 24 in., each, \$3.00.

AMERICAN LARCH OR TAMARACK—(Larix decidua). A hardy, deciduous conifer, of rapid growth, with fine needle-like leaves. A valuable timber tree and fine for mixed plantations. 4-6 feet, each, 75c; per 10, \$7.00.

BULL PINE—(Pinus ponderosa). This is a native pine of the North Dakota Bad Lands, and the acme of hardness. It makes a handsome, stocky tree, beautiful the year round with its long dark green needles. We have a limited number of the large specimen trees to which we call your attention. 12-18 inch size. \$1.00 each; specimen trees, 2½ to 4 ft., \$3.50, in bushel basket.

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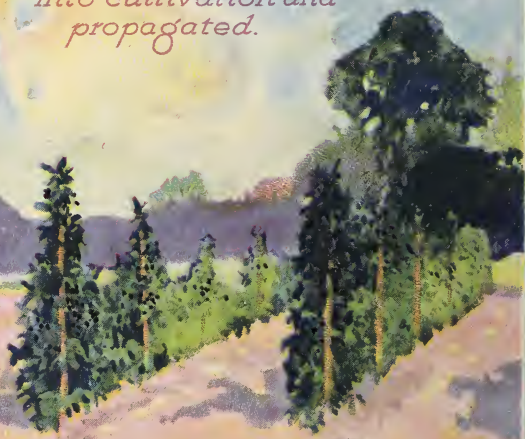
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